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Astronomisches Jahrbuch

für

1942

167. Jahrgang

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Coppernicus-Institut

(Astronomisches Rechen-Institut)



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Coppernicus-Institut

(Astronomisches Rechen-Institut)

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Vorwort

Vom Jahrgang 1916 an ist der fundamentale Meridian, auf den alle Angaben des Jahrbuchs bezogen sind, der Meridian von Greenwich.

Die Zeit ist vom Jahrgang 1925 an in Welt-Zeit, d. i. Bürgerliche Zeit Greenwich, ausgedrückt (siehe Erläuterungen).

Die Grundlagen des Berliner Astronomischen Jahrbuchs bilden:

Für die Sonne und die großen Planeten:

Die Tafeln von Newcomb und (für Jupiter und Saturn) von Hill, enthalten in:

Astronomical Papers of the American Ephemeris,
Vol. VI, Part I—IV: *Tables of the four inner planets*,
Vol. VII, Part I—IV: *Tables of Jupiter, Saturn, Uranus, Neptune.*

Für Pluto die Elemente von E. C. Bower. (Näheres siehe Erläuterungen.)

Als Sonnenhalbmesser in der mittleren Entfernung ist 16′ 1″50 angenommen; dagegen liegt der Berechnung der Finsternisse der von Auwers in A. N., Bd. 128 gegebene Wert 15′ 59″63 zugrunde.

Für den Mond:

Tables of the Motion of the Moon by Ernest W. Brown.

Der geozentrische Mondhalbmesser $r_☾$ ist aus der Äquatorial-Horizontalparallaxe $p_☾$ gerechnet nach der Formel

$$r_☾ = 0.272469\, p_☾ + 1''50,$$

für die Finsternisse nach $\sin r_☾ = 0.272274 \sin p_☾$.

Als Neigung des Mondäquators gegen die Ekliptik ist nach F. Hayn (A. N. Bd. 199, 263) angenommen: $J = 1° 32′ 20″$.

Für die Fixsterne:

Dritter Fundamentalkatalog des Berliner Astronomischen Jahrbuchs (Veröffentlichungen des Astronomischen Rechen-Instituts zu Berlin-Dahlem Nr. 54).

Die Sterngrößen und Sternspektra sind dem »Henry Draper Catalogue (Harvard Annals, vol. 91—99)« entnommen.

Als Werte der fundamentalen Reduktionsgrößen sind angenommen:

Die Präzessions-Größen nach S. Newcomb (vgl. H. Andoyer, Bull. Astr. **28**, 67)	
Die Nutations-Konstante	9″21
Die Nutations-Größen nach S. Newcomb (Bull. Astr. **15**, 241)	
Die Aberrations-Konstante	20″47
Die Sonnen-Parallaxe	8″80
Die Abplattung der Erde	1 : 297

Für die Satelliten:

Die Angaben über die 4 älteren Jupitertrabanten beruhen auf den Tafeln von R. A. Sampson (*Tables of the four great Satellites of Jupiter.* London 1910), die Angaben über die 8 älteren Saturnsatelliten auf den von H. und G. Struve sowie von J. Woltjer ermittelten Werten (Näheres s. Erläuterungen).

In allen Ephemeriden der Sonne, der Planeten und der Fixsterne sind die kurzperiodischen, von der Mondlänge abhängigen Nutationsglieder weggelassen; doch bietet das Jahrbuch die Möglichkeit, auch diese weggelassenen Glieder zu berücksichtigen (s. Erläuterungen).

Der Inhalt des Jahrbuchs hat gegen das Vorjahr keine wesentlichen Änderungen erfahren. Jedoch sei erwähnt, daß Tabellen der täglichen Auf- und Untergangszeiten von Sonne und Mond für Orte des Meridians von Greenwich zwischen −10° und +70° geographischer Breite aufgenommen worden sind, und daß die Vorausberechnungen der Finsternisse im Coppernicus-Institut ausgeführt wurden.

Bezüglich der Zahlengrundlagen sei auf die im Berliner Jahrbuch für 1916 gegebene Darstellung der »Grundbegriffe der Sphärischen Astronomie« hingewiesen.

Ein Teil der Angaben wurde seitens der American Ephemeris and Nautical Almanac, Washington, des Nautical Almanac Office, London, und des Bureau des Longitudes, Paris, zur Verfügung gestellt.

Die Leitung der Arbeiten am Astronomischen Jahrbuch für 1942 lag in den Händen von Prof. Dr. Kohl; an der Bearbeitung der verschiedenen Teile beteiligten sich außerdem die Herren Dr. Müller, Dr. Baehr, Dr. Rabe und mehrere Hilfsarbeiter.

Coppernicus-Institut

Inhalt

Zeit- und Festrechnung 1942

Das Jahr 1942 entspricht dem
Jahr 6655 der Julianischen Periode und dem
Jahr 7450—7451 der Byzantinischen Ära.

Gregorianischer Kalender

Goldene Zahl	5
Epakte	XIII
Sonnenzirkel	19
Sonntagsbuchstabe	D
Septuagesima	1. Febr.
Aschermittwoch	18. Febr.
I. Quatember	25. Febr.
Ostersonntag	5. April
Himmelfahrt	14. Mai
Pfingstsonntag	24. Mai
II. Quatember	27. Mai
III. Quatember	16. Sept.
I. Advent	29. Nov.
IV. Quatember	16. Dez.

Dimensionen der Erde

a) Nach Bessel (1841)

Große Halbachse	a = 6 377 397.155 m	log a = 6.804 6434 637
Kleine Halbachse	b = 6 356 078.963 m	log b = 6.803 1892 839
Abplattung	α = 1 : 299.152 8129	log α = 7.524 1069 092—10
Meridianquadrant	= 10 000 855.76 m	

Die Maßeinheit der Länge ist das legale Meter.

b) Nach Hayford (1909)

Große Halbachse	a = 6 378 388 m	log a = 6.804 7109 340
Kleine Halbachse	b = 6 356 911.946 m	log b = 6.803 2461 957
Abplattung	α = 1 : 297	log α = 7.527 2435 507—10
Meridianquadrant	= 10 002 288.30 m	

Die Maßeinheit der Länge ist das internationale Meter.

Ein internationales Meter = 1.000 0133 legales Meter.

Normalwert für die Schwerebeschleunigung im Meeresniveau:

$\gamma_0 = 978.030\ (1 + 0.005302 \cdot \sin^2\varphi - 0.000007 \cdot \sin^2 2\varphi)$ cm. sec^{-2}. (Helmert 1901)

$\gamma_0 = 978.0490\ (1 + 0.0052884 \cdot \sin^2\varphi - 0.0000059 \cdot \sin^2 2\varphi)$ cm. sec^{-2}. (Cassinis 1930)

Masse der Erde: $5.974 \cdot 10^{27}$ gr.

Masse der Sonne: $1.983 \cdot 10^{33}$ gr.

Radius der Sonne: 695 300 km.

Mittlere Entfernung Erde—Sonne: 149 504 200 km

Lichtzeit für die mittlere Entfernung Erde—Sonne: $498^s.72$ (mit Lichtgeschwindigkeit 299 774 km/sec.)

Astronomische Konstanten

Allgemeine Präzession	$\psi = 50''.2564 + 0''.000222\,t$
Präzession in Rektaszension	$m = 3^s.07234 + 0^s.0000186\,t$
Präzession in Deklination	$n = 20''.0468 - 0''.000085\,t$
Mittlere Schiefe der Ekliptik	$\varepsilon = 23°\,27'\,8''.26 - 0''.4684\,t$
Länge d. aufsteig. Knotens d. bewegl. a. d. festen Ekliptik	$\Pi = 173°\,57'\,3''.6 + 32''.862\,t$
Winkel zwischen fester u. bewegl. Ekliptik	$\pi = 0''.4711 - 0''.000007\,t$

Länge des tropischen Jahres	$365^d.24219879 - 0^d.0000000614\,t$
„ „ siderischen „	$365.25636042 + 0.0000000011\,t$
„ „ anomalistischen „	$365.25964134 + 0.0000000304\,t$
„ „ julianischen „	365.25

t = Zeit seit 1900 in julianischen Jahren

Länge des synodischen Monats	$29^d.530588$
„ „ tropischen „	27.321582
„ „ siderischen „	27.321661
„ „ anomalistischen „	27.554550

Länge des mittleren Sonnentages $= 24^h\,3^m\,56^s.555$ Sternzeit $= 1.00273791$ Sterntag

Länge des mittl. Sterntages $= 23^h\,56^m\,4^s.091$ mittl. Zeit $= 0.99726957$ mittl. Sonnentag

Äquatoreal-Horizontalparallaxe des Mondes . . . $57'\,2''.70$

Gravitationskonstante nach Gauß $k = 0.017202099 = 3548''.18761$

$\log k = 8.23558144-10 \quad \log k'' = 3.55000657$

1 Lichtjahr $= 63275$ Astr. Einh. $= 0.3068$ Parsek $= 9.460 \cdot 10^{12}$ km

1 Parsek $= 206264.806$ Astr. Einh. $= 3.2598$ Lichtjahre $= 30.84 \cdot 10^{12}$ km

Elemente der Planetenbahnen für 1942 Jan. 0, 0^h Welt-Zeit

	Ω (°)	i (°)	$\tilde{\omega}$ (°)	e
Merkur	47.644	7.004	76.553	0.205623
Venus	76.158	3.394	130.755	0.006801
Erde	—	—	101.943	0.016733
Mars	49.110	1.850	334.991	0.093352
Jupiter	99.868	1.306	13.397	0.048404
Saturn	113.157	2.491	91.921	0.055747
Uranus	73.687	0.773	172.172	0.046333
Neptun	131.143	1.775	47.326	0.009000
Pluto	109.633	17.144	223.175	0.248644

	a	L (°)	$n_{sid.}$ (°)	$P_{sid.}$ (a)	$P_{sid.}$ (d)
Merkur	0.387099	313.197	4.09234	0	87.9693
Venus	0.723332	79.234	1.60213	0	224.7008
Erde	1.000000	99.034	0.98561	1	0.0142
Mars	1.523688	52.737	0.52403	1	321.7375
Jupiter	5.202561	73.213	0.08309	11	314.925
Saturn	9.554747	60.405	0.03346	29	167.21
Uranus	19.21814	64.728	0.01173	84	8.11
Neptun	30.10957	176.804	0.00598	164	281.6
Pluto	39.51774	153.982	0.00397	248	157

Merkur bis Mars nach Newcomb, Jupiter bis Neptun nach Leverrier und Gaillot, Pluto nach Bower. Für Pluto sind baryzentrische Elemente bezogen auf Ekliptik und mittleres Äquinoktium 1950.0 gegeben.

Astronomische Zeichen und Abkürzungen

Bezeichnung
der
Wochentage

- ☉ Sonntag
- ☾ Montag
- ♂ Dienstag
- ☿ Mittwoch
- ♃ Donnerstag
- ♀ Freitag
- ♄ Sonnabend

Adspekten

- ☌ Konjunktion
- □ Quadratur
- ☍ Opposition

Mondphasen

- ● Neumond
- ☽ Erstes Viertel
- ○ Vollmond
- ☾ Letztes Viertel

☊ Aufsteigender } Knoten
☋ Absteigender }

Zeichen

des Tierkreises und der Himmelskörper

♈ Widder . . .	o	Grad		
♉ Stier	30	»	☉	Sonne
♊ Zwillinge . . .	60	»	☾	Mond
♋ Krebs	90	»	☿	Merkur
♌ Löwe	120	»	♀	Venus
♍ Jungfrau . . .	150	»	♁	Erde
♎ Waage . . .	180	»	♂	Mars
♏ Skorpion . . .	210	»	♃	Jupiter
♐ Schütze . . .	240	»	♄	Saturn
♑ Steinbock . .	270	»	♅	Uranus
♒ Wassermann .	300	»	♆	Neptun
♓ Fische	330	»		

Sonne, Mond, Große Planeten

1942

Sonne 1942

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung (Wahre Zeit *minus* Mittlere Zeit) m s	Diff. s	Scheinbare Rektaszension h m s	Diff. m s	Scheinbare Deklination ° ' "	Diff. ' "	Halbe Durchgangs-Dauer St.-Zt. s	Halbmesser ' "
1942									
Jan. 0	Mi	— 2 45.05	28.66	18 38 51.64	4 25.21	—23 8 37.6	4 20.2	71.11	16 17.86
1	Do	3 13.71	28.36	18 43 16.85	4 24.91	23 4 17.4	4 47.8	71.07	16 17.87
2	Fr	3 42.07	28.02	18 47 41.76	4 24.59	22 59 29.6	5 15.3	71.03	16 17.88
3	Sa	4 10.09	27.67	18 52 6.35	4 24.23	22 54 14.3	5 42.7	70.99	16 17.88
4	St	4 37.76	27.29	18 56 30.58	4 23.84	22 48 31.6	6 9.8	70.94	16 17.88
5	Mo	5 5.05	26.88	19 0 54.42	4 23.44	22 42 21.8	6 36.9	70.88	16 17.87
6	Di	— 5 31.93	26.45	19 5 17.86	4 23.01	—22 35 44.9	7 3.7	70.82	16 17.85
7	Mi	5 58.38	25.99	19 9 40.87	4 22.55	22 28 41.2	7 30.4	70.76	16 17.83
8	Do	6 24.37	25.52	19 14 3.42	4 22.06	22 21 10.8	7 56.7	70.70	16 17.80
9	Fr	6 49.89	25.01	19 18 25.48	4 21.57	22 13 14.1	8 22.9	70.63	16 17.76
10	Sa	7 14.90	24.48	19 22 47.05	4 21.04	22 4 51.2	8 48.9	70.55	16 17.72
11	St	7 39.38	23.93	19 27 8.09	4 20.49	21 56 2.3	9 14.5	70.48	16 17.67
12	Mo	— 8 3.31	23.35	19 31 28.58	4 19.91	—21 46 47.8	9 39.9	70.40	16 17.62
13	Di	8 26.66	22.76	19 35 48.49	4 19.31	21 37 7.9	10 5.1	70.31	16 17.57
14	Mi	8 49.42	22.13	19 40 7.80	4 18.69	21 27 2.8	10 29.9	70.23	16 17.51
15	Do	9 11.55	21.49	19 44 26.49	4 18.04	21 16 32.9	10 54.4	70.14	16 17.45
16	Fr	9 33.04	20.81	19 48 44.53	4 17.37	21 5 38.5	11 18.7	70.05	16 17.38
17	Sa	9 53.85	20.11	19 53 1.90	4 16.67	20 54 19.8	11 42.5	69.95	16 17.31
18	St	—10 13.96	19.41	19 57 18.57	4 15.96	—20 42 37.3	12 6.1	69.86	16 17.24
19	Mo	10 33.37	18.66	20 1 34.53	4 15.22	20 30 31.2	12 29.4	69.76	16 17.16
20	Di	10 52.03	17.91	20 5 49.75	4 14.47	20 18 1.8	12 52.2	69.66	16 17.08
21	Mi	11 9.94	17.14	20 10 4.22	4 13.69	20 5 9.6	13 14.8	69.56	16 17.00
22	Do	11 27.08	16.36	20 14 17.91	4 12.92	19 51 54.8	13 36.9	69.45	16 16.92
23	Fr	11 43.44	15.57	20 18 30.83	4 12.12	19 38 17.9	13 58.7	69.35	16 16.83
24	Sa	—11 59.01	14.76	20 22 42.95	4 11.32	—19 24 19.2	14 20.1	69.24	16 16.73
25	St	12 13.77	13.95	20 26 54.27	4 10.50	19 9 59.1	14 41.2	69.13	16 16.63
26	Mo	12 27.72	13.13	20 31 4.77	4 9.69	18 55 17.9	15 1.9	69.02	16 16.52
27	Di	12 40.85	12.32	20 35 14.46	4 8.87	18 40 16.0	15 22.1	68.90	16 16.41
28	Mi	12 53.17	11.49	20 39 23.33	4 8.04	18 24 53.9	15 42.1	68.79	16 16.29
29	Do	13 4.66	10.66	20 43 31.37	4 7.22	18 9 11.8	16 1.7	68.68	16 16.17
30	Fr	—13 15.32	9.83	20 47 38.59	4 6.39	—17 53 10.1	16 20.8	68.57	16 16.04
31	Sa	13 25.15	9.01	20 51 44.98	4 5.57	17 36 49.3	16 39.5	68.45	16 15.91
Febr. 1	St	13 34.16	8.19	20 55 50.55	4 4.74	17 20 9.8	16 57.9	68.34	16 15.78
2	Mo	13 42.35	7.38	20 59 55.29	4 3.93	17 3 11.9	17 15.9	68.22	16 15.64
3	Di	13 49.73	6.56	21 3 59.22	4 3.12	16 45 56.0	17 33.5	68.10	16 15.49
4	Mi	13 56.29	5.76	21 8 2.34	4 2.31	16 28 22.5	17 50.6	67.99	16 15.33
5	Do	—14 2.05	4.96	21 12 4.65	4 1.51	—16 10 31.9	18 7.5	67.87	16 15.17
6	Fr	14 7.01	4.16	21 16 6.16	4 0.72	15 52 24.4	18 23.8	67.76	16 15.00
7	Sa	14 11.17	3.39	21 20 6.88	3 59.94	15 34 0.6	18 39.8	67.65	16 14.84
8	St	14 14.56	2.61	21 24 6.82	3 59.16	15 15 20.8	18 55.3	67.53	16 14.66
9	Mo	14 17.17	1.83	21 28 5.98	3 58.39	14 56 25.5	19 10.5	67.42	16 14.48
10	Di	—14 19.00		21 32 4.37		—14 37 15.0		67.31	16 14.30

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	kurzp. Gl.	0h Welt-Zeit, Mittleres Äquinoktium 1942.0: Länge	Diff.	Breite	R	Diff.	Aufgang in {+50° Breite, 0h Länge	Untergang in {+50° Breite, 0h Länge
1942	2430	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Jan. 0	359.5	6 36 6.584	−220	− 6	278 56 0.3	61 8.2	−77	0.983 2741	146	7 59	16 7
1	360.5	6 40 3.142	218	− 4	279 57 8.5	61 8.1	−76	0.983 2595	83	7 59	16 8
2	361.5	6 43 59.699	217	0	280 58 16.6	61 8.0	−72	0.983 2512	19	7 59	16 9
3	362.5	6 47 56.256	215	+ 3	281 59 24.6	61 8.1	−67	0.983 2493	−44	7 59	16 10
4	363.5	6 51 52.813	213	+ 6	283 0 32.7	61 8.1	−59	0.983 2537	108	7 59	16 12
5	364.5	6 55 49.370	211	+ 7	284 1 40.8	61 8.2	−47	0.983 2645	172	7 58	16 13
6	365.5	6 59 45.927	−210	+ 7	285 2 49.0	61 8.2	−35	0.983 2817	233	7 58	16 14
7	366.5	7 3 42.484	208	+ 5	286 3 57.2	61 8.2	−22	0.983 3050	292	7 58	16 15
8	367.5	7 7 39.041	207	+ 1	287 5 5.4	61 8.3	− 8	0.983 3342	349	7 58	16 16
9	368.5	7 11 35.598	205	− 4	288 6 13.7	61 8.4	+ 6	0.983 3691	405	7 57	16 17
10	369.5	7 15 32.155	204	− 9	289 7 22.1	61 8.4	+19	0.983 4096	456	7 56	16 19
11	370.5	7 19 28.711	202	−12	290 8 30.5	61 8.5	+30	0.983 4552	504	7 56	16 20
12	371.5	7 23 25.268	−201	−13	291 9 39.0	61 8.3	+38	0.983 5056	549	7 56	16 21
13	372.5	7 27 21.824	200	−12	292 10 47.3	61 8.3	+43	0.983 5605	590	7 55	16 23
14	373.5	7 31 18.381	199	− 7	293 11 55.6	61 8.0	+45	0.983 6195	628	7 54	16 24
15	374.5	7 35 14.937	198	− 1	294 13 3.6	61 7.7	+45	0.983 6823	664	7 54	16 26
16	375.5	7 39 11.494	197	+ 5	295 14 11.3	61 7.3	+40	0.983 7487	699	7 53	16 27
17	376.5	7 43 8.050	196	+11	296 15 18.6	61 6.8	+33	0.983 8186	732	7 52	16 29
18	377.5	7 47 4.606	−195	+13	297 16 25.4	61 6.1	+23	0.983 8918	768	7 51	16 30
19	378.5	7 51 1.162	194	+14	298 17 31.5	61 5.3	+12	0.983 9686	804	7 50	16 32
20	379.5	7 54 57.718	194	+11	299 18 36.8	61 4.6	0	0.984 0490	842	7 49	16 33
21	380.5	7 58 54.274	193	+ 7	300 19 41.4	61 3.5	−13	0.984 1332	881	7 48	16 35
22	381.5	8 2 50.830	192	+ 2	301 20 44.9	61 2.7	−25	0.984 2213	924	7 47	16 36
23	382.5	8 6 47.386	192	− 2	302 21 47.6	61 1.6	−36	0.984 3137	968	7 46	16 38
24	383.5	8 10 43.942	−192	− 6	303 22 49.2	61 0.5	−46	0.984 4105	1016	7 45	16 40
25	384.5	8 14 40.497	191	− 8	304 23 49.7	60 59.5	−54	0.984 5121	1065	7 44	16 41
26	385.5	8 18 37.053	191	− 8	305 24 49.2	60 58.3	−59	0.984 6186	1115	7 43	16 43
27	386.5	8 22 33.608	191	− 7	306 25 47.5	60 57.3	−60	0.984 7301	1168	7 42	16 45
28	387.5	8 26 30.164	191	− 4	307 26 44.8	60 56.1	−60	0.984 8469	1221	7 40	16 46
29	388.5	8 30 26.719	192	− 2	308 27 40.9	60 55.0	−57	0.984 9690	1277	7 39	16 48
30	389.5	8 34 23.274	−192	+ 2	309 28 35.9	60 53.9	−51	0.985 0967	1333	7 38	16 50
31	390.5	8 38 19.829	192	+ 5	310 29 29.8	60 52.7	−43	0.985 2300	1389	7 36	16 51
Febr. 1	391.5	8 42 16.384	193	+ 7	311 30 22.5	60 51.7	−33	0.985 3689	1448	7 35	16 53
2	392.5	8 46 12.939	193	+ 8	312 31 14.2	60 50.6	−21	0.985 5137	1504	7 34	16 55
3	393.5	8 50 9.493	194	+ 6	313 32 4.8	60 49.7	− 8	0.985 6641	1560	7 32	16 56
4	394.5	8 54 6.048	195	+ 3	314 32 54.5	60 48.6	+ 6	0.985 8201	1616	7 31	16 58
5	395.5	8 58 2.602	−195	− 2	315 33 43.1	60 47.6	+19	0.985 9817	1667	7 29	17 0
6	396.5	9 1 59.157	196	− 7	316 34 30.7	60 46.8	+32	0.986 1484	1717	7 28	17 2
7	397.5	9 5 55.711	197	−10	317 35 17.5	60 45.7	+43	0.986 3201	1764	7 26	17 3
8	398.5	9 9 52.265	199	−12	318 36 3.2	60 44.8	+52	0.986 4965	1806	7 24	17 5
9	399.5	9 13 48.819	200	−12	319 36 48.0	60 43.8	+58	0.986 6771	1845	7 23	17 7
10	400.5	9 17 45.373	−201	− 8	320 37 31.8		+61	0.986 8616		7 21	17 8

Tag		Wochentag	0h Welt-Zeit							
			Zeitgleichung Wahre Zeit *minus* Mittlere Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1942			m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Febr.	10	Di	−14 19.00	1.07	21 32 4.37	3 57.63	−14 37 15.0	19 25.3	67.31	16 14.30
	11	Mi	14 20.07	0.32	21 36 2.00	3 56.87	14 17 49.7	19 39.6	67.20	16 14.12
	12	Do	14 20.39	0.43	21 39 58.87	3 56.12	13 58 10.1	19 53.4	67.09	16 13.93
	13	Fr	14 19.96	1.18	21 43 54.99	3 55.38	13 38 16.7	20 6.9	66.98	16 13.74
	14	Sa	14 18.78	1.92	21 47 50.37	3 54.63	13 18 9.8	20 19.9	66.87	16 13.54
	15	St	14 16.86	2.65	21 51 45.00	3 53.90	12 57 49.9	20 32.5	66.77	16 13.35
	16	Mo	−14 14.21	3.38	21 55 38.90	3 53.18	−12 37 17.4	20 44.7	66.66	16 13.15
	17	Di	14 10.83	4.10	21 59 32.08	3 52.46	12 16 32.7	20 56.4	66.56	16 12.95
	18	Mi	14 6.73	4.80	22 3 24.54	3 51.74	11 55 36.3	21 7.8	66.46	16 12.75
	19	Do	14 1.93	5.51	22 7 16.28	3 51.05	11 34 28.5	21 18.6	66.36	16 12.54
	20	Fr	13 56.42	6.19	22 11 7.33	3 50.37	11 13 9.9	21 29.0	66.26	16 12.33
	21	Sa	13 50.23	6.86	22 14 57.70	3 49.69	10 51 40.9	21 39.1	66.16	16 12.13
	22	St	−13 43.37	7.51	22 18 47.39	3 49.03	−10 30 1.8	21 48.7	66.07	16 11.92
	23	Mo	13 35.86	8.16	22 22 36.42	3 48.39	10 8 13.1	21 58.0	65.98	16 11.70
	24	Di	13 27.70	8.79	22 26 24.81	3 47.77	9 46 15.1	22 6.7	65.89	16 11.49
	25	Mi	13 18.91	9.40	22 30 12.58	3 47.16	9 24 8.4	22 15.2	65.80	16 11.26
	26	Do	13 9.51	9.98	22 33 59.74	3 46.56	9 1 53.2	22 23.1	65.72	16 11.04
	27	Fr	12 59.53	10.56	22 37 46.30	3 46.00	8 39 30.1	22 30.8	65.63	16 10.81
	28	Sa	−12 48.97	11.11	22 41 32.30	3 45.44	− 8 16 59.3	22 38.0	65.55	16 10.58
März	1	St	12 37.86	11.65	22 45 17.74	3 44.91	7 54 21.3	22 44.8	65.47	16 10.35
	2	Mo	12 26.21	12.15	22 49 2.65	3 44.40	7 31 36.5	22 51.2	65.40	16 10.11
	3	Di	12 14.06	12.64	22 52 47.05	3 43.91	7 8 45.3	22 57.4	65.33	16 9.87
	4	Mi	12 1.42	13.10	22 56 30.96	3 43.45	6 45 47.9	23 3.0	65.26	16 9.62
	5	Do	11 48.32	13.54	23 0 14.41	3 43.01	6 22 44.9	23 8.4	65.19	16 9.37
	6	Fr	−11 34.78	13.96	23 3 57.42	3 42.59	− 5 59 36.5	23 13.4	65.12	16 9.13
	7	Sa	11 20.82	14.36	23 7 40.01	3 42.20	5 36 23.1	23 17.9	65.06	16 8.87
	8	St	11 6.46	14.73	23 11 22.21	3 41.82	5 13 5.2	23 22.2	65.00	16 8.61
	9	Mo	10 51.73	15.08	23 15 4.03	3 41.47	4 49 43.0	23 26.0	64.95	16 8.35
	10	Di	10 36.65	15.41	23 18 45.50	3 41.14	4 26 17.0	23 29.5	64.89	16 8.08
	11	Mi	10 21.24	15.73	23 22 26.64	3 40.83	4 2 47.5	23 32.5	64.84	16 7.82
	12	Do	−10 5.51	16.02	23 26 7.47	3 40.53	− 3 39 15.0	23 35.3	64.79	16 7.56
	13	Fr	9 49.49	16.30	23 29 48.00	3 40.25	3 15 39.7	23 37.6	64.75	16 7.29
	14	Sa	9 33.19	16.55	23 33 28.25	3 40.00	2 52 2.1	23 39.5	64.71	16 7.02
	15	St	9 16.64	16.80	23 37 8.25	3 39.75	2 28 22.6	23 41.0	64.67	16 6.75
	16	Mo	8 59.84	17.03	23 40 48.00	3 39.52	2 4 41.6	23 42.2	64.63	16 6.49
	17	Di	8 42.81	17.24	23 44 27.52	3 39.32	1 40 59.4	23 42.9	64.60	16 6.21
	18	Mi	− 8 25.57	17.43	23 48 6.84	3 39.12	− 1 17 16.5	23 43.4	64.57	16 5.94
	19	Do	8 8.14	17.61	23 51 45.96	3 38.94	0 53 33.1	23 43.3	64.54	16 5.68
	20	Fr	7 50.53	17.77	23 55 24.90	3 38.78	0 29 49.8	23 42.9	64.52	16 5.41
	21	Sa	7 32.76	17.91	23 59 3.68	3 38.64	− 0 6 6.9	23 42.1	64.50	16 5.15
	22	St	7 14.85	18.03	0 2 42.32	3 38.52	+ 0 17 35.2	23 41.0	64.48	16 4.88
	23	Mo	− 6 56.82		0 6 20.84		+ 0 41 16.2		64.47	16 4.61

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	kurzp. Gl.	Mittleres Äquinoktium 1942.0 Länge		Breite	R		Aufgang (in +50° Breite, 0h Länge)	Untergang
1942	2430	h m s	s in 0.001		° ′ ″		″ in 0.01			h m	h m
Febr. 10	400.5	9 17 45.373	−201	− 8	320 37 31.8	60′ 42.″8	+61	0.986 8616	1879	7 21	17 8
11	401.5	9 21 41.927	203	− 3	321 38 14.6	60 41.7	+61	0.987 0495	1911	7 20	17 10
12	402.5	9 25 38.481	204	+ 3	322 38 56.3	60 40.6	+57	0.987 2406	1938	7 18	17 12
13	403.5	9 29 35.035	206	+ 8	323 39 36.9	60 39.3	+49	0.987 4344	1964	7 16	17 14
14	404.5	9 33 31.588	208	+12	324 40 16.2	60 37.9	+39	0.987 6308	1986	7 14	17 16
15	405.5	9 37 28.142	209	+13	325 40 54.1	60 36.6	+27	0.987 8294	2008	7 12	17 17
16	406.5	9 41 24.695	−211	+12	326 41 30.7	60 35.0	+14	0.988 0302	2030	7 11	17 19
17	407.5	9 45 21.249	213	+ 8	327 42 5.7	60 33.4	+ 1	0.988 2332	2051	7 9	17 21
18	408.5	9 49 17.802	216	+ 3	328 42 39.1	60 31.7	−12	0.988 4383	2074	7 7	17 22
19	409.5	9 53 14.355	218	− 1	329 43 10.8	60 29.9	−24	0.988 6457	2099	7 5	17 24
20	410.5	9 57 10.908	220	− 5	330 43 40.7	60 28.1	−35	0.988 8556	2125	7 3	17 26
21	411.5	10 1 7.461	222	− 8	331 44 8.8	60 26.3	−45	0.989 0681	2153	7 1	17 28
22	412.5	10 5 4.014	−225	− 9	332 44 35.1	60 24.3	−52	0.989 2834	2182	6 59	17 29
23	413.5	10 9 0.567	227	− 8	333 44 59.4	60 22.5	−55	0.989 5016	2213	6 57	17 31
24	414.5	10 12 57.120	230	− 6	334 45 21.9	60 20.5	−56	0.989 7229	2245	6 55	17 32
25	415.5	10 16 53.672	233	− 3	335 45 42.4	60 18.6	−54	0.989 9474	2278	6 53	17 34
26	416.5	10 20 50.225	235	+ 1	336 46 1.0	60 16.6	−50	0.990 1752	2314	6 51	17 36
27	417.5	10 24 46.778	238	+ 4	337 46 17.6	60 14.7	−43	0.990 4066	2350	6 49	17 38
28	418.5	10 28 43.330	−241	+ 7	338 46 32.3	60 12.7	−33	0.990 6416	2389	6 47	17 39
März 1	419.5	10 32 39.882	244	+ 8	339 46 45.0	60 10.9	−22	0.990 8805	2428	6 45	17 41
2	420.5	10 36 36.435	247	+ 7	340 46 55.9	60 9.0	− 9	0.991 1233	2467	6 43	17 42
3	421.5	10 40 32.987	250	+ 4	341 47 4.9	60 7.2	+ 4	0.991 3700	2506	6 41	17 44
4	422.5	10 44 29.539	253	0	342 47 12.1	60 5.4	+17	0.991 6206	2545	6 39	17 46
5	423.5	10 48 26.091	257	− 5	343 47 17.5	60 3.7	+29	0.991 8751	2582	6 37	17 47
6	424.5	10 52 22.643	−260	− 9	344 47 21.2	60 2.1	+41	0.992 1333	2617	6 35	17 49
7	425.5	10 56 19.195	263	−11	345 47 23.3	60 0.5	+50	0.992 3950	2647	6 33	17 51
8	426.5	11 0 15.747	267	−11	346 47 23.8	59 58.8	+56	0.992 6597	2675	6 31	17 52
9	427.5	11 4 12.299	270	− 9	347 47 22.6	59 57.3	+60	0.992 9272	2699	6 29	17 54
10	428.5	11 8 8.851	273	− 4	348 47 19.9	59 55.7	+60	0.993 1971	2717	6 26	17 56
11	429.5	11 12 5.403	277	+ 2	349 47 15.6	59 54.0	+57	0.993 4688	2733	6 24	17 57
12	430.5	11 16 1.955	−280	+ 7	350 47 9.6	59 52.4	+49	0.993 7421	2745	6 22	17 59
13	431.5	11 19 58.507	284	+11	351 47 2.0	59 50.7	+39	0.994 0166	2752	6 20	18 0
14	432.5	11 23 55.059	288	+13	352 46 52.7	59 48.9	+28	0.994 2918	2757	6 18	18 2
15	433.5	11 27 51.610	291	+12	353 46 41.6	59 47.0	+15	0.994 5675	2760	6 16	18 4
16	434.5	11 31 48.162	295	+ 9	354 46 28.6	59 45.2	+ 1	0.994 8435	2761	6 14	18 5
17	435.5	11 35 44.714	298	+ 5	355 46 13.8	59 43.1	−12	0.995 1196	2760	6 12	18 7
18	436.5	11 39 41.266	−302	0	356 45 56.9	59 41.1	−26	0.995 3956	2761	6 9	18 8
19	437.5	11 43 37.817	306	− 4	357 45 38.0	59 39.0	−38	0.995 6717	2760	6 7	18 10
20	438.5	11 47 34.369	309	− 7	358 45 17.0	59 36.8	−48	0.995 9477	2762	6 5	18 12
21	439.5	11 51 30.921	313	− 9	359 44 53.8	59 34.6	−56	0.996 2239	2764	6 3	18 13
22	440.5	11 55 27.472	317	− 9	0 44 28.4	59 32.4	−61	0.996 5003	2767	6 1	18 15
23	441.5	11 59 24.024	−320	− 7	1 44 0.8		−64	0.996 7770		5 58	18 16

Tag	Wochentag	Zeitgleichung Wahre Zeit *minus* Mittlere Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
		0h Welt-Zeit							
1942		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
März 23	Mo	−6 56.82	18.14	0 6 20.84	3 38.42	+ 0 41 16.2	23 39.6	64.47	16 4.61
24	Di	6 38.68	18.22	0 9 59.26	3 38.33	1 4 55.8	23 37.6	64.46	16 4.34
25	Mi	6 20.46	18.28	0 13 37.59	3 38.27	1 28 33.4	23 35.4	64.45	16 4.07
26	Do	6 2.18	18.32	0 17 15.86	3 38.23	1 52 8.8	23 32.9	64.44	16 3.80
27	Fr	5 43.86	18.35	0 20 54.09	3 38.20	2 15 41.7	23 29.9	64.44	16 3.53
28	Sa	5 25.51	18.36	0 24 32.29	3 38.20	2 39 11.6	23 26.6	64.44	16 3.26
29	St	−5 7.15	18.33	0 28 10.49	3 38.22	+ 3 2 38.2	23 23.0	64.44	16 2.99
30	Mo	4 48.82	18.29	0 31 48.71	3 38.26	3 26 1.2	23 19.0	64.45	16 2.72
31	Di	4 30.53	18.22	0 35 26.97	3 38.33	3 49 20.2	23 14.8	64.46	16 2.44
April 1	Mi	4 12.31	18.14	0 39 5.30	3 38.42	4 12 35.0	23 10.1	64.47	16 2.17
2	Do	3 54.17	18.02	0 42 43.72	3 38.53	4 35 45.1	23 5.1	64.49	16 1.89
3	Fr	3 36.15	17.88	0 46 22.25	3 38.67	4 58 50.2	22 59.8	64.51	16 1.61
4	Sa	−3 18.27	17.72	0 50 0.92	3 38.83	+ 5 21 50.0	22 54.3	64.53	16 1.34
5	St	3 0.55	17.54	0 53 39.75	3 39.01	5 44 44.3	22 48.3	64.55	16 1.06
6	Mo	2 43.01	17.33	0 57 18.76	3 39.22	6 7 32.6	22 42.0	64.58	16 0.78
7	Di	2 25.68	17.11	1 0 57.98	3 39.44	6 30 14.6	22 35.5	64.61	16 0.49
8	Mi	2 8.57	16.87	1 4 37.42	3 39.68	6 52 50.1	22 28.5	64.64	16 0.22
9	Do	1 51.70	16.61	1 8 17.10	3 39.94	7 15 18.6	22 21.2	64.67	15 59.93
10	Fr	−1 35.09	16.34	1 11 57.04	3 40.22	+ 7 37 39.8	22 13.7	64.71	15 59.66
11	Sa	1 18.75	16.04	1 15 37.26	3 40.51	7 59 53.5	22 5.6	64.75	15 59.38
12	St	1 2.71	15.74	1 19 17.77	3 40.81	8 21 59.1	21 57.3	64.79	15 59.10
13	Mo	0 46.97	15.43	1 22 58.58	3 41.13	8 43 56.4	21 48.7	64.83	15 58.83
14	Di	0 31.54	15.10	1 26 39.71	3 41.45	9 5 45.1	21 39.6	64.88	15 58.55
15	Mi	0 16.44	14.76	1 30 21.16	3 41.80	9 27 24.7	21 30.3	64.93	15 58.28
16	Do	−0 1.68	14.40	1 34 2.96	3 42.15	+ 9 48 55.0	21 20.5	64.98	15 58.02
17	Fr	+0 12.72	14.03	1 37 45.11	3 42.52	10 10 15.5	21 10.4	65.03	15 57.75
18	Sa	0 26.75	13.66	1 41 27.63	3 42.89	10 31 25.9	21 0.0	65.08	15 57.49
19	St	0 40.41	13.27	1 45 10.52	3 43.28	10 52 25.9	20 49.3	65.14	15 57.23
20	Mo	0 53.68	12.88	1 48 53.80	3 43.68	11 13 15.2	20 38.1	65.20	15 56.97
21	Di	1 6.56	12.46	1 52 37.48	3 44.10	11 33 53.3	20 26.7	65.26	15 56.72
22	Mi	+1 19.02	12.03	1 56 21.58	3 44.51	+11 54 20.0	20 14.8	65.33	15 56.46
23	Do	1 31.05	11.61	2 0 6.09	3 44.95	12 14 34.8	20 2.7	65.39	15 56.21
24	Fr	1 42.66	11.16	2 3 51.04	3 45.39	12 34 37.5	19 50.2	65.46	15 55.97
25	Sa	1 53.82	10.70	2 7 36.43	3 45.85	12 54 27.7	19 37.5	65.53	15 55.72
26	St	2 4.52	10.24	2 11 22.28	3 46.32	13 14 5.2	19 24.3	65.60	15 55.47
27	Mo	2 14.76	9.75	2 15 8.60	3 46.80	13 33 29.5	19 10.9	65.67	15 55.23
28	Di	+2 24.51	9.26	2 18 55.40	3 47.29	+13 52 40.4	18 57.1	65.74	15 54.98
29	Mi	2 33.77	8.76	2 22 42.69	3 47.80	14 11 37.5	18 43.1	65.82	15 54.74
30	Do	2 42.53	8.24	2 26 30.49	3 48.31	14 30 20.6	18 28.7	65.89	15 54.50
Mai 1	Fr	2 50.77	7.71	2 30 18.80	3 48.85	14 48 49.3	18 14.0	65.97	15 54.26
2	Sa	2 58.48	7.16	2 34 7.65	3 49.39	15 7 3.3	17 59.1	66.04	15 54.02
3	St	+3 5.64		2 37 57.04		+15 25 2.4		66.12	15 53.77

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1942.0 Länge		Breite	R		Aufgang	Untergang
	0h Welt-Zeit									in {+50° Breite, 0h Länge}	
1942	2430	h m s	in 0.001 s		° ′ ″	′ ″	in 0.01 ″			h m	h m
März 23	441.5	11 59 24.024	−320	− 7	1 44 0.8	59 30.1	−64	0.996 7770	2771	5 58	18 16
24	442.5	12 3 20.576	324	− 4	2 43 30.9	59 27.8	−65	0.997 0541	2777	5 56	18 18
25	443.5	12 7 17.128	328	− 1	3 42 58.7	59 25.5	−61	0.997 3318	2783	5 54	18 20
26	444.5	12 11 13.679	331	+ 3	4 42 24.2	59 23.2	−55	0.997 6101	2791	5 52	18 21
27	445.5	12 15 10.231	335	+ 6	5 41 47.4	59 21.0	−47	0.997 8892	2801	5 50	18 23
28	446.5	12 19 6.783	338	+ 7	6 41 8.4	59 18.6	−37	0.998 1693	2813	5 47	18 24
29	447.5	12 23 3.335	−342	+ 7	7 40 27.0	59 16.4	−26	0.998 4506	2827	5 45	18 26
30	448.5	12 26 59.886	346	+ 5	8 39 43.4	59 14.2	−13	0.998 7333	2841	5 43	18 27
31	449.5	12 30 56.438	349	+ 1	9 38 57.6	59 12.1	+ 1	0.999 0174	2858	5 41	18 29
Apr. 1	450.5	12 34 52.990	353	− 3	10 38 9.7	59 10.0	+15	0.999 3032	2873	5 39	18 30
2	451.5	12 38 49.542	356	− 8	11 37 19.7	59 7.9	+26	0.999 5905	2889	5 37	18 32
3	452.5	12 42 46.094	359	−11	12 36 27.6	59 6.1	+36	0.999 8794	2903	5 34	18 34
4	453.5	12 46 42.646	−363	−11	13 35 33.7	59 4.2	+43	1.000 1697	2914	5 32	18 35
5	454.5	12 50 39.198	366	− 9	14 34 37.9	59 2.4	+47	1.000 4611	2922	5 30	18 37
6	455.5	12 54 35.750	369	− 5	15 33 40.3	59 0.7	+47	1.000 7533	2926	5 28	18 38
7	456.5	12 58 32.302	373	+ 1	16 32 41.0	58 58.9	+45	1.001 0459	2927	5 26	18 40
8	457.5	13 2 28.854	376	+ 7	17 31 39.9	58 57.3	+40	1.001 3386	2922	5 24	18 41
9	458.5	13 6 25.407	379	+11	18 30 37.2	58 55.5	+32	1.001 6308	2913	5 22	18 43
10	459.5	13 10 21.959	−382	+13	19 29 32.7	58 53.8	+20	1.001 9221	2903	5 20	18 45
11	460.5	13 14 18.511	385	+13	20 28 26.5	58 52.0	+ 8	1.002 2124	2887	5 17	18 46
12	461.5	13 18 15.064	388	+11	21 27 18.5	58 50.3	− 5	1.002 5011	2868	5 15	18 48
13	462.5	13 22 11.616	391	+ 6	22 26 8.8	58 48.4	−19	1.002 7879	2848	5 13	18 49
14	463.5	13 26 8.169	394	+ 1	23 24 57.2	58 46.5	−34	1.003 0727	2825	5 11	18 50
15	464.5	13 30 4.721	396	− 3	24 23 43.7	58 44.6	−46	1.003 3552	2802	5 9	18 52
16	465.5	13 34 1.274	−399	− 6	25 22 28.3	58 42.5	−55	1.003 6354	2776	5 7	18 54
17	466.5	13 37 57.827	402	− 9	26 21 10.8	58 40.6	−63	1.003 9130	2753	5 5	18 56
18	467.5	13 41 54.380	404	− 9	27 19 51.4	58 38.5	−70	1.004 1883	2729	5 3	18 57
19	468.5	13 45 50.932	407	− 8	28 18 29.9	58 36.4	−73	1.004 4612	2706	5 1	18 59
20	469.5	13 49 47.485	409	− 5	29 17 6.3	58 34.3	−73	1.004 7318	2683	4 59	19 0
21	470.5	13 53 44.038	412	− 2	30 15 40.6	58 32.2	−70	1.005 0001	2661	4 57	19 2
22	471.5	13 57 40.591	−414	+ 1	31 14 12.8	58 30.0	−66	1.005 2662	2640	4 55	19 3
23	472.5	14 1 37.145	416	+ 4	32 12 42.8	58 27.9	−59	1.005 5302	2622	4 53	19 5
24	473.5	14 5 33.698	418	+ 7	33 11 10.7	58 25.8	−49	1.005 7924	2604	4 51	19 6
25	474.5	14 9 30.251	420	+ 7	34 9 36.5	58 23.6	−38	1.006 0528	2589	4 49	19 8
26	475.5	14 13 26.805	422	+ 5	35 8 0.1	58 21.5	−26	1.006 3117	2575	4 47	19 10
27	476.5	14 17 23.358	424	+ 2	36 6 21.6	58 19.5	−12	1.006 5692	2565	4 45	19 11
28	477.5	14 21 19.912	−426	− 3	37 4 41.1	58 17.5	+ 1	1.006 8257	2555	4 44	19 13
29	478.5	14 25 16.466	427	− 7	38 2 58.6	58 15.5	+12	1.007 0812	2548	4 42	19 14
30	479.5	14 29 13.019	429	−11	39 1 14.1	58 13.7	+22	1.007 3360	2541	4 40	19 16
Mai 1	480.5	14 33 9.573	430	−12	39 59 27.8	58 12.0	+30	1.007 5901	2534	4 38	19 17
2	481.5	14 37 6.127	432	−11	40 57 39.8	58 10.3	+34	1.007 8435	2525	4 36	19 19
3	482.5	14 41 2.681	−433	− 7	41 55 50.1		+36	1.008 0960		4 34	19 20

Tag	Wochentag	0ʰ Welt-Zeit: Zeitgleichung Wahre Zeit *minus* Mittlere Zeit	Diff.	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1942		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Mai 3	St	+3 5.64	6.60	2 37 57.04	3 49.95	+15 25 2.4	17 43.8	66.12	15 53.77
4	Mo	3 12.24	6.04	2 41 46.99	3 50.52	15 42 46.2	17 28.3	66.20	15 53.54
5	Di	3 18.28	5.47	2 45 37.51	3 51.09	16 0 14.5	17 12.4	66.28	15 53.30
6	Mi	3 23.75	4.88	2 49 28.60	3 51.67	16 17 26.9	16 56.2	66.36	15 53.07
7	Do	3 28.63	4.30	2 53 20.27	3 52.25	16 34 23.1	16 39.9	66.45	15 52.84
8	Fr	3 32.93	3.71	2 57 12.52	3 52.85	16 51 3.0	16 23.0	66.53	15 52.61
9	Sa	+3 36.64	3.12	3 1 5.37	3 53.43	+17 7 26.0	16 6.0	66.61	15 52.38
10	St	3 39.76	2.53	3 4 58.80	3 54.03	17 23 32.0	15 48.6	66.69	15 52.16
11	Mo	3 42.29	1.94	3 8 52.83	3 54.61	17 39 20.6	15 31.0	66.77	15 51.94
12	Di	3 44.23	1.36	3 12 47.44	3 55.20	17 54 51.6	15 13.0	66.85	15 51.72
13	Mi	3 45.59	0.77	3 16 42.64	3 55.78	18 10 4.6	14 54.7	66.94	15 51.51
14	Do	3 46.36	0.20	3 20 38.42	3 56.35	18 24 59.3	14 36.2	67.02	15 51.30
15	Fr	+3 46.56	0.37	3 24 34.77	3 56.93	+18 39 35.5	14 17.3	67.10	15 51.09
16	Sa	3 46.19	0.94	3 28 31.70	3 57.49	18 53 52.8	13 58.2	67.18	15 50.89
17	St	3 45.25	1.49	3 32 29.19	3 58.05	19 7 51.0	13 38.7	67.26	15 50.69
18	Mo	3 43.76	2.05	3 36 27.24	3 58.61	19 21 29.7	13 19.0	67.34	15 50.50
19	Di	3 41.71	2.59	3 40 25.85	3 59.15	19 34 48.7	12 59.0	67.42	15 50.32
20	Mi	3 39.12	3.13	3 44 25.00	3 59.68	19 47 47.7	12 38.8	67.50	15 50.13
21	Do	+3 35.99	3.65	3 48 24.68	4 0.20	+20 0 26.5	12 18.3	67.58	15 49.95
22	Fr	3 32.34	4.16	3 52 24.88	4 0.72	20 12 44.8	11 57.6	67.65	15 49.78
23	Sa	3 28.18	4.67	3 56 25.60	4 1.23	20 24 42.4	11 36.5	67.73	15 49.61
24	St	3 23.51	5.17	4 0 26.83	4 1.72	20 36 18.9	11 15.2	67.80	15 49.44
25	Mo	3 18.34	5.66	4 4 28.55	4 2.21	20 47 34.1	10 53.7	67.87	15 49.27
26	Di	3 12.68	6.13	4 8 30.76	4 2.69	20 58 27.8	10 32.1	67.94	15 49.11
27	Mi	+3 6.55	6.59	4 12 33.45	4 3.16	+21 8 59.9	10 10.1	68.01	15 48.95
28	Do	2 59.96	7.06	4 16 36.61	4 3.61	21 19 10.0	9 47.9	68.08	15 48.80
29	Fr	2 52.90	7.51	4 20 40.22	4 4.06	21 28 57.9	9 25.6	68.15	15 48.65
30	Sa	2 45.39	7.95	4 24 44.28	4 4.51	21 38 23.5	9 3.1	68.21	15 48.50
31	St	2 37.44	8.39	4 28 48.79	4 4.94	21 47 26.6	8 40.4	68.27	15 48.34
Juni 1	Mo	2 29.05	8.81	4 32 53.73	4 5.37	21 56 7.0	8 17.5	68.33	15 48.19
2	Di	+2 20.24	9.22	4 36 59.10	4 5.77	+22 4 24.5	7 54.5	68.39	15 48.05
3	Mi	2 11.02	9.62	4 41 4.87	4 6.18	22 12 19.0	7 31.3	68.44	15 47.91
4	Do	2 1.40	10.00	4 45 11.05	4 6.56	22 19 50.3	7 7.9	68.49	15 47.78
5	Fr	1 51.40	10.37	4 49 17.61	4 6.93	22 26 58.2	6 44.3	68.54	15 47.64
6	Sa	1 41.03	10.72	4 53 24.54	4 7.27	22 33 42.5	6 20.7	68.59	15 47.51
7	St	1 30.31	11.04	4 57 31.81	4 7.60	22 40 3.2	5 56.9	68.64	15 47.38
8	Mo	+1 19.27	11.35	5 1 39.41	4 7.91	+22 46 0.1	5 33.0	68.68	15 47.26
9	Di	1 7.92	11.64	5 5 47.32	4 8.19	22 51 33.1	5 8.9	68.72	15 47.14
10	Mi	0 56.28	11.89	5 9 55.51	4 8.45	22 56 42.0	4 44.7	68.75	15 47.02
11	Do	0 44.39	12.13	5 14 3.96	4 8.68	23 1 26.7	4 20.5	68.78	15 46.92
12	Fr	0 32.26	12.33	5 18 12.64	4 8.89	23 5 47.2	3 56.1	68.81	15 46.81
13	Sa	+0 19.93		5 22 21.53		+23 9 43.3		68.84	15 46.72

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	kurzp. Gl.	Mittleres Äquinoktium 1942.0 Länge		Breite	R		Aufgang	Untergang
	0h Welt-Zeit									in {+50° Breite / 0h Länge	
1942	2430	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Mai 3	482.5	14 41 2.681	−433	− 7	41 55 50.1	58 8.7	+36	1.008 0960	2516	4 34	19 20
4	483.5	14 44 59.236	434	− 1	42 53 58.8	58 7.3	+35	1.008 3476	2501	4 33	19 22
5	484.5	14 48 55.790	435	+ 5	43 52 6.1	58 5.8	+31	1.008 5977	2485	4 31	19 23
6	485.5	14 52 52.344	436	+11	44 50 11.9	58 4.5	+22	1.008 8462	2463	4 29	19 25
7	486.5	14 56 48.899	437	+14	45 48 16.4	58 3.1	+12	1.009 0925	2438	4 28	19 26
8	487.5	15 0 45.453	438	+14	46 46 19.5	58 1.8	0	1.009 3363	2408	4 26	19 28
9	488.5	15 4 42.008	−439	+12	47 44 21.3	58 0.5	−12	1.009 5771	2376	4 24	19 29
10	489.5	15 8 38.562	440	+ 8	48 42 21.8	57 59.2	−26	1.009 8147	2341	4 23	19 31
11	490.5	15 12 35.117	440	+ 3	49 40 21.0	57 57.7	−39	1.010 0488	2301	4 21	19 32
12	491.5	15 16 31.672	441	− 1	50 38 18.7	57 56.4	−51	1.010 2789	2261	4 20	19 34
13	492.5	15 20 28.227	441	− 5	51 36 15.1	57 55.0	−61	1.010 5050	2219	4 18	19 35
14	493.5	15 24 24.782	442	− 7	52 34 10.1	57 53.6	−70	1.010 7269	2174	4 17	19 37
15	494.5	15 28 21.337	−442	− 8	53 32 3.7	57 52.1	−76	1.010 9443	2130	4 15	19 38
16	495.5	15 32 17.892	442	− 8	54 29 55.8	57 50.5	−79	1.011 1573	2085	4 14	19 39
17	496.5	15 36 14.447	442	− 6	55 27 46.3	57 49.1	−80	1.011 3658	2041	4 12	19 41
18	497.5	15 40 11.003	442	− 3	56 25 35.4	57 47.6	−78	1.011 5699	1996	4 11	19 42
19	498.5	15 44 7.558	442	0	57 23 23.0	57 46.0	−73	1.011 7695	1953	4 10	19 44
20	499.5	15 48 4.114	442	+ 3	58 21 9.0	57 44.4	−66	1.011 9648	1909	4 9	19 45
21	500.5	15 52 0.669	−442	+ 6	59 18 53.4	57 42.9	−57	1.012 1557	1869	4 7	19 46
22	501.5	15 55 57.225	441	+ 7	60 16 36.3	57 41.3	−47	1.012 3426	1828	4 6	19 47
23	502.5	15 59 53.781	441	+ 6	61 14 17.6	57 39.8	−34	1.012 5254	1791	4 5	19 49
24	503.5	16 3 50.336	441	+ 3	62 11 57.4	57 38.2	−21	1.012 7045	1755	4 4	19 50
25	504.5	16 7 46.892	440	− 2	63 9 35.6	57 36.7	− 9	1.012 8800	1723	4 3	19 51
26	505.5	16 11 43.448	440	− 7	64 7 12.3	57 35.2	+ 3	1.013 0523	1692	4 2	19 52
27	506.5	16 15 40.004	−439	−11	65 4 47.5	57 33.8	+13	1.013 2215	1665	4 1	19 54
28	507.5	16 19 36.560	438	−13	66 2 21.3	57 32.6	+21	1.013 3880	1639	4 0	19 55
29	508.5	16 23 33.116	438	−13	66 59 53.9	57 31.2	+27	1.013 5519	1616	3 59	19 56
30	509.5	16 27 29.672	437	−10	67 57 25.1	57 30.2	+28	1.013 7135	1592	3 58	19 57
31	510.5	16 31 26.229	436	− 4	68 54 55.3	57 29.2	+27	1.013 8727	1567	3 57	19 58
Juni 1	511.5	16 35 22.785	435	+ 2	69 52 24.5	57 28.3	+24	1.014 0294	1541	3 56	19 59
2	512.5	16 39 19.341	−434	+ 9	70 49 52.8	57 27.5	+17	1.014 1835	1513	3 56	20 0
3	513.5	16 43 15.898	433	+13	71 47 20.3	57 26.8	+ 8	1.014 3348	1481	3 55	20 1
4	514.5	16 47 12.454	432	+15	72 44 47.1	57 26.0	− 5	1.014 4829	1445	3 54	20 2
5	515.5	16 51 9.011	431	+14	73 42 13.1	57 25.5	−18	1.014 6274	1405	3 54	20 3
6	516.5	16 55 5.567	430	+11	74 39 38.6	57 24.9	−31	1.014 7679	1362	3 53	20 4
7	517.5	16 59 2.124	428	+ 6	75 37 3.5	57 24.2	−43	1.014 9041	1316	3 52	20 5
8	518.5	17 2 58.680	−427	+ 1	76 34 27.7	57 23.7	−55	1.015 0357	1267	3 52	20 6
9	519.5	17 6 55.237	426	− 4	77 31 51.4	57 23.1	−65	1.015 1624	1216	3 52	20 6
10	520.5	17 10 51.794	424	− 6	78 29 14.5	57 22.5	−74	1.015 2840	1163	3 51	20 7
11	521.5	17 14 48.350	423	− 8	79 26 37.0	57 21.9	−80	1.015 4003	1107	3 51	20 8
12	522.5	17 18 44.907	422	− 7	80 23 58.9	57 21.2	−83	1.015 5110	1052	3 51	20 9
13	523.5	17 22 41.464	−420	− 5	81 21 20.1		−84	1.015 6162		3 50	20 9

Tag	Wochentag	0ʰ Welt-Zeit: Zeitgleichung Wahre Zeit *minus* Mittlere Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1942		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Juni 13	Sa	+0 19.93	12.52	5 22 21.53	4 9.08	+23 9 43.3	3 31.6	68.84	15 46.72
14	St	+0 7.41	12.68	5 26 30.61	4 9.24	23 13 14.9	3 7.0	68.87	15 46.62
15	Mo	−0 5.27	12.81	5 30 39.85	4 9.37	23 16 21.9	2 42.4	68.89	15 46.53
16	Di	0 18.08	12.92	5 34 49.22	4 9.47	23 19 4.3	2 17.8	68.90	15 46.45
17	Mi	0 31.00	13.00	5 38 58.69	4 9.55	23 21 22.1	1 53.0	68.92	15 46.38
18	Do	0 44.00	13.05	5 43 8.24	4 9.61	23 23 15.1	1 28.3	68.93	15 46.31
19	Fr	−0 57.05	13.08	5 47 17.85	4 9.64	+23 24 43.4	1 3.5	68.94	15 46.24
20	Sa	1 10.13	13.08	5 51 27.49	4 9.64	23 25 46.9	0 38.7	68.94	15 46.18
21	St	1 23.21	13.05	5 55 37.13	4 9.61	23 26 25.6	0 13.8	68.94	15 46.12
22	Mo	1 36.26	13.01	5 59 46.74	4 9.56	23 26 39.4	0 10.9	68.94	15 46.07
23	Di	1 49.27	12.93	6 3 56.30	4 9.49	23 26 28.5	0 35.8	68.93	15 46.03
24	Mi	2 2.20	12.83	6 8 5.79	4 9.39	23 25 52.7	1 0.6	68.92	15 45.98
25	Do	−2 15.03	12.72	6 12 15.18	4 9.28	+23 24 52.1	1 25.3	68.91	15 45.94
26	Fr	2 27.75	12.58	6 16 24.46	4 9.14	23 23 26.8	1 50.0	68.90	15 45.90
27	Sa	2 40.33	12.43	6 20 33.60	4 8.98	23 21 36.8	2 14.7	68.88	15 45.87
28	St	2 52.76	12.26	6 24 42.58	4 8.81	23 19 22.1	2 39.2	68.86	15 45.84
29	Mo	3 5.02	12.07	6 28 51.39	4 8.63	23 16 42.9	3 3.8	68.83	15 45.81
30	Di	3 17.09	11.86	6 33 0.02	4 8.42	23 13 39.1	3 28.2	68.81	15 45.79
Juli 1	Mi	−3 28.95	11.64	6 37 8.44	4 8.20	+23 10 10.9	3 52.5	68.78	15 45.77
2	Do	3 40.59	11.40	6 41 16.64	4 7.96	23 6 18.4	4 16.8	68.74	15 45.75
3	Fr	3 51.99	11.14	6 45 24.60	4 7.69	23 2 1.6	4 40.9	68.70	15 45.74
4	Sa	4 3.13	10.87	6 49 32.29	4 7.42	22 57 20.7	5 5.0	68.66	15 45.73
5	St	4 14.00	10.56	6 53 39.71	4 7.12	22 52 15.7	5 28.8	68.62	15 45.72
6	Mo	4 24.56	10.24	6 57 46.83	4 6.80	22 46 46.9	5 52.6	68.58	15 45.72
7	Di	−4 34.80	9.91	7 1 53.63	4 6.46	+22 40 54.3	6 16.2	68.53	15 45.72
8	Mi	4 44.71	9.54	7 6 0.09	4 6.10	22 34 38.1	6 39.7	68.47	15 45.73
9	Do	4 54.25	9.16	7 10 6.19	4 5.71	22 27 58.4	7 3.0	68.42	15 45.74
10	Fr	5 3.41	8.76	7 14 11.90	4 5.32	22 20 55.4	7 26.1	68.36	15 45.76
11	Sa	5 12.17	8.33	7 18 17.22	4 4.89	22 13 29.3	7 49.1	68.30	15 45.78
12	St	5 20.50	7.90	7 22 22.11	4 4.46	22 5 40.2	8 11.9	68.24	15 45.80
13	Mo	−5 28.40	7.44	7 26 26.57	4 3.99	+21 57 28.3	8 34.4	68.18	15 45.83
14	Di	5 35.84	6.96	7 30 30.56	4 3.52	21 48 53.9	8 56.9	68.12	15 45.87
15	Mi	5 42.80	6.46	7 34 34.08	4 3.02	21 39 57.0	9 19.0	68.05	15 45.92
16	Do	5 49.26	5.95	7 38 37.10	4 2.51	21 30 38.0	9 41.0	67.98	15 45.98
17	Fr	5 55.21	5.43	7 42 39.61	4 1.98	21 20 57.0	10 2.7	67.90	15 46.03
18	Sa	6 0.64	4.88	7 46 41.59	4 1.44	21 10 54.3	10 24.3	67.83	15 46.09
19	St	−6 5.52	4.33	7 50 43.03	4 0.88	+21 0 30.0	10 45.5	67.76	15 46.15
20	Mo	6 9.85	3.76	7 54 43.91	4 0.32	20 49 44.5	11 6.5	67.68	15 46.23
21	Di	6 13.61	3.18	7 58 44.23	3 59.73	20 38 38.0	11 27.4	67.60	15 46.31
22	Mi	6 16.79	2.60	8 2 43.96	3 59.15	20 27 10.6	11 47.9	67.52	15 46.38
23	Do	6 19.39	2.00	8 6 43.11	3 58.56	20 15 22.7	12 8.2	67.44	15 46.46
24	Fr	−6 21.39		8 10 41.67		+20 3 14.5		67.36	15 46.55

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	kurzp. Gl.	Mittleres Äquinoktium 1942.0 Länge		Breite	R		Aufgang (in +50° Breite, 0h Länge)	Untergang (in +50° Breite, 0h Länge)
1942	2430	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Juni 13	523.5	17 22 41.464	−420	− 5	81 21 20.1	57 20.6	−84	1.015 6162	995	3 50	20 9
14	524.5	17 26 38.021	419	− 3	82 18 40.7	57 20.0	−81	1.015 7157	937	3 50	20 10
15	525.5	17 30 34.578	417	0	83 16 0.7	57 19.2	−77	1.015 8094	880	3 50	20 10
16	526.5	17 34 31.134	416	+ 3	84 13 19.9	57 18.6	−71	1.015 8974	823	3 50	20 11
17	527.5	17 38 27.691	414	+ 6	85 10 38.5	57 17.9	−61	1.015 9797	767	3 50	20 11
18	528.5	17 42 24.248	413	+ 7	86 7 56.4	57 17.1	−50	1.016 0564	712	3 50	20 12
19	529.5	17 46 20.805	−411	+ 7	87 5 13.5	57 16.5	−38	1.016 1276	658	3 50	20 12
20	530.5	17 50 17.362	410	+ 4	88 2 30.0	57 15.6	−25	1.016 1934	607	3 50	20 12
21	531.5	17 54 13.919	408	0	88 59 45.6	57 15.0	−12	1.016 2541	557	3 50	20 13
22	532.5	17 58 10.476	407	− 5	89 57 0.6	57 14.3	0	1.016 3098	511	3 50	20 13
23	533.5	18 2 7.033	405	−10	90 54 14.9	57 13.6	+11	1.016 3609	468	3 51	20 13
24	534.5	18 6 3.590	404	−13	91 51 28.5	57 13.0	+19	1.016 4077	428	3 51	20 13
25	535.5	18 10 0.146	−402	−15	92 48 41.5	57 12.4	+25	1.016 4505	390	3 51	20 13
26	536.5	18 13 56.703	401	−13	93 45 53.9	57 12.0	+28	1.016 4895	357	3 52	20 13
27	537.5	18 17 53.260	399	− 8	94 43 5.9	57 11.6	+28	1.016 5252	324	3 52	20 13
28	538.5	18 21 49.817	398	− 2	95 40 17.5	57 11.3	+23	1.016 5576	292	3 52	20 13
29	539.5	18 25 46.374	396	+ 5	96 37 28.8	57 11.2	+16	1.016 5868	262	3 53	20 13
30	540.5	18 29 42.931	395	+11	97 34 40.0	57 11.2	+ 7	1.016 6130	229	3 54	20 13
Juli 1	541.5	18 33 39.487	−393	+14	98 31 51.2	57 11.2	− 5	1.016 6359	193	3 54	20 13
2	542.5	18 37 36.044	392	+15	99 29 2.4	57 11.4	−18	1.016 6552	156	3 55	20 12
3	543.5	18 41 32.601	391	+12	100 26 13.8	57 11.6	−31	1.016 6708	116	3 55	20 12
4	544.5	18 45 29.158	389	+ 8	101 23 25.4	57 11.8	−44	1.016 6824	72	3 56	20 12
5	545.5	18 49 25.714	388	+ 3	102 20 37.2	57 12.2	−56	1.016 6896	24	3 57	20 12
6	546.5	18 53 22.271	387	− 2	103 17 49.4	57 12.4	−67	1.016 6920	$\overline{25}$	3 58	20 11
7	547.5	18 57 18.827	−385	− 5	104 15 1.8	57 12.8	−76	1.016 6895	77	3 58	20 10
8	548.5	19 1 15.384	384	− 7	105 12 14.6	57 13.2	−82	1.016 6818	131	3 59	20 10
9	549.5	19 5 11.940	383	− 7	106 9 27.8	57 13.4	−86	1.016 6687	187	4 0	20 9
10	550.5	19 9 8.497	382	− 6	107 6 41.2	57 13.8	−86	1.016 6500	244	4 1	20 8
11	551.5	19 13 5.053	381	− 3	108 3 55.0	57 14.1	−83	1.016 6256	303	4 2	20 8
12	552.5	19 17 1.610	380	0	109 1 9.1	57 14.4	−78	1.016 5953	362	4 3	20 7
13	553.5	19 20 58.166	−379	+ 3	109 58 23.5	57 14.7	−71	1.016 5591	421	4 4	20 6
14	554.5	19 24 54.722	378	+ 6	110 55 38.2	57 15.0	−62	1.016 5170	481	4 5	20 5
15	555.5	19 28 51.278	377	+ 7	111 52 53.2	57 15.2	−51	1.016 4689	540	4 6	20 5
16	556.5	19 32 47.835	377	+ 7	112 50 8.4	57 15.5	−39	1.016 4149	599	4 7	20 4
17	557.5	19 36 44.391	376	+ 6	113 47 23.9	57 15.7	−25	1.016 3550	656	4 8	20 3
18	558.5	19 40 40.947	375	+ 2	114 44 39.6	57 15.9	−12	1.016 2894	711	4 10	20 2
19	559.5	19 44 37.503	−375	− 3	115 41 55.5	57 16.1	− 1	1.016 2183	764	4 11	20 1
20	560.5	19 48 34.059	374	− 8	116 39 11.6	57 16.4	+10	1.016 1419	814	4 12	20 0
21	561.5	19 52 30.614	374	−12	117 36 28.0	57 16.5	+20	1.016 0605	861	4 13	19 58
22	562.5	19 56 27.170	373	−14	118 33 44.5	57 16.8	+27	1.015 9744	904	4 14	19 57
23	563.5	20 0 23.726	373	−14	119 31 1.3	57 17.1	+31	1.015 8840	943	4 16	19 56
24	564.5	20 4 20.281	−373	−10	120 28 18.4		+31	1.015 7897		4 17	19 55

Tag		Wochentag	Zeitgleichung Wahre Zeit *minus* Mittlere Zeit (0ʰ Welt-Zeit)	Diff.	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1942			m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Juli	24	Fr	−6 21.39	1.40	8 10 41.67	3 57.95	+20 3 14.5	12 28.3	67.36	15 46.55
	25	Sa	6 22.79	0.80	8 14 39.62	3 57.36	19 50 46.2	12 48.1	67.28	15 46.65
	26	St	6 23.59	0.20	8 18 36.98	3 56.76	19 37 58.1	13 7.6	67.20	15 46.74
	27	Mo	6 23.79	0.40	8 22 33.74	3 56.15	19 24 50.5	13 27.0	67.11	15 46.84
	28	Di	6 23.39	1.00	8 26 29.89	3 55.55	19 11 23.5	13 45.9	67.03	15 46.94
	29	Mi	6 22.39	1.60	8 30 25.44	3 54.96	18 57 37.6	14 4.7	66.94	15 47.04
	30	Do	−6 20.79	2.19	8 34 20.40	3 54.37	+18 43 32.9	14 23.2	66.85	15 47.14
	31	Fr	6 18.60	2.78	8 38 14.77	3 53.77	18 29 9.7	14 41.5	66.77	15 47.25
Aug.	1	Sa	6 15.82	3.37	8 42 8.54	3 53.19	18 14 28.2	14 59.4	66.68	15 47.36
	2	St	6 12.45	3.96	8 46 1.73	3 52.59	17 59 28.8	15 17.1	66.59	15 47.48
	3	Mo	6 8.49	4.55	8 49 54.32	3 52.01	17 44 11.7	15 34.4	66.51	15 47.60
	4	Di	6 3.94	5.13	8 53 46.33	3 51.43	17 28 37.3	15 51.5	66.42	15 47.72
	5	Mi	−5 58.81	5.71	8 57 37.76	3 50.84	+17 12 45.8	16 8.3	66.33	15 47.84
	6	Do	5 53.10	6.30	9 1 28.60	3 50.25	16 56 37.5	16 24.8	66.25	15 47.97
	7	Fr	5 46.80	6.87	9 5 18.85	3 49.68	16 40 12.7	16 40.9	66.16	15 48.11
	8	Sa	5 39.93	7.45	9 9 8.53	3 49.11	16 23 31.8	16 56.9	66.07	15 48.25
	9	St	5 32.48	8.03	9 12 57.64	3 48.52	16 6 34.9	17 12.4	65.99	15 48.39
	10	Mo	5 24.45	8.60	9 16 46.16	3 47.96	15 49 22.5	17 27.7	65.90	15 48.54
	11	Di	−5 15.85	9.17	9 20 34.12	3 47.39	+15 31 54.8	17 42.6	65.82	15 48.69
	12	Mi	5 6.68	9.73	9 24 21.51	3 46.82	15 14 12.2	17 57.2	65.74	15 48.85
	13	Do	4 56.95	10.29	9 28 8.33	3 46.26	14 56 15.0	18 11.6	65.66	15 49.01
	14	Fr	4 46.66	10.84	9 31 54.59	3 45.71	14 38 3.4	18 25.5	65.58	15 49.18
	15	Sa	4 35.82	11.40	9 35 40.30	3 45.16	14 19 37.9	18 39.1	65.50	15 49.36
	16	St	4 24.42	11.94	9 39 25.46	3 44.61	14 0 58.8	18 52.5	65.42	15 49.54
	17	Mo	−4 12.48	12.48	9 43 10.07	3 44.08	+13 42 6.3	19 5.6	65.34	15 49.72
	18	Di	4 0.00	13.01	9 46 54.15	3 43.54	13 23 0.7	19 18.2	65.27	15 49.90
	19	Mi	3 46.99	13.52	9 50 37.69	3 43.03	13 3 42.5	19 30.5	65.19	15 50.09
	20	Do	3 33.47	14.03	9 54 20.72	3 42.52	12 44 12.0	19 42.5	65.12	15 50.28
	21	Fr	3 19.44	14.53	9 58 3.24	3 42.03	12 24 29.5	19 54.3	65.05	15 50.47
	22	Sa	3 4.91	15.00	10 1 45.27	3 41.55	12 4 35.2	20 5.7	64.98	15 50.68
	23	St	−2 49.91	15.47	10 5 26.82	3 41.09	+11 44 29.5	20 16.8	64.92	15 50.88
	24	Mo	2 34.44	15.91	10 9 7.91	3 40.64	11 24 12.7	20 27.5	64.85	15 51.08
	25	Di	2 18.53	16.34	10 12 48.55	3 40.22	11 3 45.2	20 38.1	64.79	15 51.29
	26	Mi	2 2.19	16.74	10 16 28.77	3 39.80	10 43 7.1	20 48.3	64.73	15 51.50
	27	Do	1 45.45	17.13	10 20 8.57	3 39.42	10 22 18.8	20 58.1	64.67	15 51.70
	28	Fr	1 28.32	17.50	10 23 47.99	3 39.05	10 1 20.7	21 7.7	64.61	15 51.92
	29	Sa	−1 10.82	17.85	10 27 27.04	3 38.71	+ 9 40 13.0	21 17.0	64.56	15 52.12
	30	St	0 52.97	18.18	10 31 5.75	3 38.37	9 18 56.0	21 26.0	64.50	15 52.34
	31	Mo	0 34.79	18.50	10 34 44.12	3 38.06	8 57 30.0	21 34.6	64.45	15 52.56
Sept.	1	Di	−0 16.29	18.79	10 38 22.18	3 37.76	8 35 55.4	21 43.0	64.40	15 52.78
	2	Mi	+0 2.50	19.06	10 41 59.94	3 37.49	8 14 12.4	21 51.0	64.36	15 52.99
	3	Do	+0 21.56		10 45 37.43		+ 7 52 21.4		64.32	15 53.22

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	0h Welt-Zeit, Mittleres Äquinoktium 1942.0: Länge		Breite	R		Aufgang (in +50° Breite, 0h Länge)	Untergang (in +50° Breite, 0h Länge)
1942	2430	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Juli 24	564.5	20 4 20.281	−373	−10	120 28 18.4	57 17.4	+31	1.015 7897	980	4 17	19 55
25	565.5	20 8 16.837	372	− 5	121 25 35.8	57 17.9	+28	1.015 6917	1012	4 18	19 54
26	566.5	20 12 13.392	372	+ 2	122 22 53.7	57 18.4	+22	1.015 5905	1043	4 20	19 52
27	567.5	20 16 9.948	372	+ 8	123 20 12.1	57 19.1	+13	1.015 4862	1072	4 21	19 51
28	568.5	20 20 6.503	372	+12	124 17 31.2	57 19.8	+ 2	1.015 3790	1101	4 22	19 50
29	569.5	20 24 3.058	372	+14	125 14 51.0	57 20.6	−11	1.015 2689	1129	4 24	19 48
30	570.5	20 27 59.614	−373	+12	126 12 11.6	57 21.6	−25	1.015 1560	1160	4 25	19 47
31	571.5	20 31 56.169	373	+ 9	127 9 33.2	57 22.7	−38	1.015 0400	1192	4 26	19 45
Aug. 1	572.5	20 35 52.724	373	+ 4	128 6 55.9	57 23.7	−51	1.014 9208	1228	4 28	19 44
2	573.5	20 39 49.278	374	− 1	129 4 19.6	57 24.9	−62	1.014 7980	1265	4 29	19 42
3	574.5	20 43 45.833	374	− 5	130 1 44.5	57 26.1	−71	1.014 6715	1305	4 31	19 41
4	575.5	20 47 42.388	375	− 7	130 59 10.6	57 27.3	−78	1.014 5410	1348	4 32	19 39
5	576.5	20 51 38.943	−376	− 7	131 56 37.9	57 28.5	−82	1.014 4062	1392	4 33	19 38
6	577.5	20 55 35.497	376	− 6	132 54 6.4	57 29.8	−83	1.014 2670	1439	4 35	19 36
7	578.5	20 59 32.052	377	− 4	133 51 36.2	57 31.0	−82	1.014 1231	1485	4 36	19 34
8	579.5	21 3 28.606	378	− 1	134 49 7.2	57 32.3	−78	1.013 9746	1535	4 38	19 32
9	580.5	21 7 25.161	379	+ 3	135 46 39.5	57 33.4	−71	1.013 8211	1585	4 39	19 31
10	581.5	21 11 21.715	380	+ 6	136 44 12.9	57 34.7	−61	1.013 6626	1635	4 41	19 29
11	582.5	21 15 18.269	−382	+ 8	137 41 47.6	57 35.9	−50	1.013 4991	1688	4 42	19 27
12	583.5	21 19 14.823	383	+ 8	138 39 23.5	57 37.1	−38	1.013 3303	1740	4 44	19 25
13	584.5	21 23 11.377	384	+ 7	139 37 0.6	57 38.2	−24	1.013 1563	1790	4 45	19 24
14	585.5	21 27 7.931	386	+ 4	140 34 38.8	57 39.4	−11	1.012 9773	1840	4 46	19 22
15	586.5	21 31 4.485	387	0	141 32 18.2	57 40.4	+ 2	1.012 7933	1889	4 48	19 20
16	587.5	21 35 1.038	389	− 5	142 29 58.6	57 41.5	+15	1.012 6044	1936	4 50	19 18
17	588.5	21 38 57.592	−391	−10	143 27 40.1	57 42.5	+25	1.012 4108	1979	4 51	19 16
18	589.5	21 42 54.146	392	−13	144 25 22.6	57 43.6	+32	1.012 2129	2019	4 52	19 14
19	590.5	21 46 50.699	394	−13	145 23 6.2	57 44.6	+37	1.012 0110	2056	4 54	19 12
20	591.5	21 50 47.253	396	−11	146 20 50.8	57 45.7	+39	1.011 8054	2089	4 56	19 10
21	592.5	21 54 43.806	398	− 7	147 18 36.5	57 46.8	+38	1.011 5965	2117	4 57	19 8
22	593.5	21 58 40.359	400	− 1	148 16 23.3	57 47.9	+32	1.011 3848	2142	4 58	19 6
23	594.5	22 2 36.912	−403	+ 5	149 14 11.2	57 49.2	+24	1.011 1706	2164	5 0	19 4
24	595.5	22 6 33.465	405	+10	150 12 0.4	57 50.4	+14	1.010 9542	2182	5 1	19 2
25	596.5	22 10 30.018	407	+12	151 9 50.8	57 51.9	+ 1	1.010 7360	2200	5 3	19 0
26	597.5	22 14 26.571	410	+12	152 7 42.7	57 53.4	−12	1.010 5160	2215	5 4	18 58
27	598.5	22 18 23.124	412	+ 9	153 5 36.1	57 54.9	−26	1.010 2945	2232	5 6	18 56
28	599.5	22 22 19.677	415	+ 5	154 3 31.0	57 56.7	−38	1.010 0713	2247	5 7	18 54
29	600.5	22 26 16.230	−417	0	155 1 27.7	57 58.4	−50	1.009 8466	2265	5 9	18 52
30	601.5	22 30 12.782	420	− 4	155 59 26.1	58 0.2	−61	1.009 6201	2285	5 10	18 50
31	602.5	22 34 9.335	423	− 7	156 57 26.3	58 2.1	−68	1.009 3916	2306	5 12	18 48
Sept. 1	603.5	22 38 5.888	426	− 8	157 55 28.4	58 4.0	−73	1.009 1610	2331	5 13	18 46
2	604.5	22 42 2.440	429	− 7	158 53 32.4	58 5.9	−75	1.008 9279	2355	5 15	18 44
3	605.5	22 45 58.992	−432	− 5	159 51 38.3		−74	1.008 6924		5 16	18 42

Tag	Wochentag	0ʰ Welt-Zeit: Zeitgleichung, Wahre Zeit *minus* Mittlere Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1942		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Sept. 3	Do	+ 0 21.56	19.33	10 45 37.43	3 37.22	+7 52 21.4	21 58.7	64.32	15 53.22
4	Fr	0 40.89	19.58	10 49 14.65	3 36.98	7 30 22.7	22 6.0	64.28	15 53.44
5	Sa	1 0.47	19.80	10 52 51.63	3 36.75	7 8 16.7	22 13.1	64.24	15 53.67
6	St	1 20.27	20.01	10 56 28.38	3 36.54	6 46 3.6	22 19.9	64.20	15 53.90
7	Mo	1 40.28	20.21	11 0 4.92	3 36.34	6 23 43.7	22 26.2	64.17	15 54.13
8	Di	2 0.49	20.39	11 3 41.26	3 36.16	6 1 17.5	22 32.2	64.14	15 54.37
9	Mi	+ 2 20.88	20.56	11 7 17.42	3 36.00	+5 38 45.3	22 38.0	64.12	15 54.61
10	Do	2 41.44	20.70	11 10 53.42	3 35.85	5 16 7.3	22 43.3	64.09	15 54.86
11	Fr	3 2.14	20.84	11 14 29.27	3 35.71	4 53 24.0	22 48.4	64.07	15 55.10
12	Sa	3 22.98	20.95	11 18 4.98	3 35.60	4 30 35.6	22 53.1	64.05	15 55.35
13	St	3 43.93	21.06	11 21 40.58	3 35.49	4 7 42.5	22 57.3	64.04	15 55.61
14	Mo	4 4.99	21.15	11 25 16.07	3 35.41	3 44 45.2	23 1.3	64.03	15 55.86
15	Di	+ 4 26.14	21.22	11 28 51.48	3 35.34	+3 21 43.9	23 5.0	64.02	15 56.12
16	Mi	4 47.36	21.27	11 32 26.82	3 35.28	2 58 38.9	23 8.3	64.01	15 56.39
17	Do	5 8.63	21.30	11 36 2.10	3 35.24	2 35 30.6	23 11.2	64.01	15 56.65
18	Fr	5 29.93	21.32	11 39 37.34	3 35.23	2 12 19.4	23 13.8	64.01	15 56.92
19	Sa	5 51.25	21.31	11 43 12.57	3 35.24	1 49 5.6	23 16.1	64.01	15 57.18
20	St	6 12.56	21.29	11 46 47.81	3 35.27	1 25 49.5	23 18.0	64.01	15 57.45
21	Mo	+ 6 33.85	21.23	11 50 23.08	3 35.32	+1 2 31.5	23 19.7	64.02	15 57.72
22	Di	6 55.08	21.16	11 53 58.40	3 35.39	0 39 11.8	23 20.9	64.03	15 57.99
23	Mi	7 16.24	21.06	11 57 33.79	3 35.50	+0 15 50.9	23 21.9	64.05	15 58.26
24	Do	7 37.30	20.93	12 1 9.29	3 35.62	−0 7 31.0	23 22.6	64.07	15 58.53
25	Fr	7 58.23	20.78	12 4 44.91	3 35.77	0 30 53.6	23 22.8	64.09	15 58.81
26	Sa	8 19.01	20.61	12 8 20.68	3 35.94	0 54 16.4	23 22.9	64.11	15 59.07
27	St	+ 8 39.62	20.41	12 11 56.62	3 36.14	−1 17 39.3	23 22.6	64.14	15 59.34
28	Mo	9 0.03	20.19	12 15 32.76	3 36.37	1 41 1.9	23 21.9	64.17	15 59.61
29	Di	9 20.22	19.94	12 19 9.13	3 36.61	2 4 23.8	23 20.9	64.20	15 59.88
30	Mi	9 40.16	19.68	12 22 45.74	3 36.87	2 27 44.7	23 19.6	64.23	16 0.15
Okt. 1	Do	9 59.84	19.39	12 26 22.61	3 37.16	2 51 4.3	23 17.9	64.27	16 0.42
2	Fr	10 19.23	19.09	12 29 59.77	3 37.46	3 14 22.2	23 15.9	64.32	16 0.69
3	Sa	+10 38.32	18.75	12 33 37.23	3 37.80	−3 37 38.1	23 13.5	64.36	16 0.95
4	St	10 57.07	18.41	12 37 15.03	3 38.14	4 0 51.6	23 10.8	64.41	16 1.22
5	Mo	11 15.48	18.05	12 40 53.17	3 38.51	4 24 2.4	23 7.6	64.46	16 1.49
6	Di	11 33.53	17.65	12 44 31.68	3 38.89	4 47 10.0	23 4.2	64.51	16 1.77
7	Mi	11 51.18	17.26	12 48 10.57	3 39.30	5 10 14.2	23 0.4	64.57	16 2.04
8	Do	12 8.44	16.83	12 51 49.87	3 39.72	5 33 14.6	22 56.2	64.63	16 2.31
9	Fr	+12 25.27	16.40	12 55 29.59	3 40.15	−5 56 10.8	22 51.6	64.69	16 2.59
10	Sa	12 41.67	15.95	12 59 9.74	3 40.61	6 19 2.4	22 46.6	64.75	16 2.86
11	St	12 57.62	15.48	13 2 50.35	3 41.06	6 41 49.0	22 41.1	64.82	16 3.14
12	Mo	13 13.10	15.01	13 6 31.41	3 41.55	7 4 30.1	22 35.5	64.89	16 3.42
13	Di	13 28.11	14.51	13 10 12.96	3 42.05	7 27 5.6	22 29.3	64.97	16 3.70
14	Mi	+13 42.62		13 13 55.01		−7 49 34.9		65.04	16 3.98

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1942.0 Länge		Breite	R		Aufgang in {+50° Breite, 0h Länge}	Untergang in {+50° Breite, 0h Länge}
1942	2430	h m s	in 0.001 s		° ′ ″	′ ″	″ in 0.01			h m	h m
Sept. 3	605.5	22 45 58.992	−432	− 5	159 51 38.3	58 7.9	−74	1.008 6924	2383	5 16	18 42
4	606.5	22 49 55.545	435	− 2	160 49 46.2	58 9.8	−70	1.008 4541	2411	5 18	18 40
5	607.5	22 53 52.097	438	+ 2	161 47 56.0	58 11.7	−64	1.008 2130	2440	5 19	18 37
6	608.5	22 57 48.649	441	+ 5	162 46 7.7	58 13.7	−56	1.007 9690	2471	5 21	18 35
7	609.5	23 1 45.202	444	+ 7	163 44 21.4	58 15.6	−46	1.007 7219	2504	5 22	18 33
8	610.5	23 5 41.754	447	+ 8	164 42 37.0	58 17.6	−33	1.007 4715	2537	5 24	18 31
9	611.5	23 9 38.306	−450	+ 8	165 40 54.6	58 19.4	−20	1.007 2178	2571	5 25	18 29
10	612.5	23 13 34.858	454	+ 5	166 39 14.0	58 21.2	− 5	1.006 9607	2606	5 27	18 26
11	613.5	23 17 31.410	457	+ 2	167 37 35.2	58 23.1	+ 8	1.006 7001	2640	5 28	18 24
12	614.5	23 21 27.962	460	− 3	168 35 58.3	58 24.8	+21	1.006 4361	2673	5 30	18 22
13	615.5	23 25 24.514	464	− 8	169 34 23.1	58 26.5	+32	1.006 1688	2704	5 31	18 20
14	616.5	23 29 21.066	467	−11	170 32 49.6	58 28.2	+40	1.005 8984	2733	5 33	18 18
15	617.5	23 33 17.618	−471	−13	171 31 17.8	58 29.8	+46	1.005 6251	2759	5 34	18 16
16	618.5	23 37 14.169	474	−11	172 29 47.6	58 31.4	+49	1.005 3492	2780	5 36	18 13
17	619.5	23 41 10.721	478	− 7	173 28 19.0	58 33.0	+49	1.005 0712	2799	5 37	18 11
18	620.5	23 45 7.273	481	− 2	174 26 52.0	58 34.6	+45	1.004 7913	2812	5 39	18 9
19	621.5	23 49 3.825	485	+ 4	175 25 26.6	58 36.2	+39	1.004 5101	2823	5 40	18 7
20	622.5	23 53 0.377	488	+ 9	176 24 2.8	58 37.9	+30	1.004 2278	2828	5 42	18 4
21	623.5	23 56 56.928	−492	+12	177 22 40.7	58 39.6	+18	1.003 9450	2830	5 43	18 2
22	624.5	0 0 53.480	496	+12	178 21 20.3	58 41.4	+ 5	1.003 6620	2829	5 45	18 0
23	625.5	0 4 50.032	499	+10	179 20 1.7	58 43.3	− 9	1.003 3791	2827	5 46	17 58
24	626.5	0 8 46.584	503	+ 6	180 18 45.0	58 45.2	−22	1.003 0964	2822	5 48	17 56
25	627.5	0 12 43.136	506	+ 1	181 17 30.2	58 47.2	−34	1.002 8142	2817	5 49	17 54
26	628.5	0 16 39.687	510	− 3	182 16 17.4	58 49.3	−44	1.002 5325	2812	5 51	17 51
27	629.5	0 20 36.239	−513	− 6	183 15 6.7	58 51.4	−52	1.002 2513	2809	5 52	17 49
28	630.5	0 24 32.791	517	− 8	184 13 58.1	58 53.6	−58	1.001 9704	2805	5 54	17 47
29	631.5	0 28 29.343	521	− 8	185 12 51.7	58 55.8	−60	1.001 6899	2803	5 55	17 45
30	632.5	0 32 25.895	524	− 6	186 11 47.5	58 58.1	−60	1.001 4096	2802	5 57	17 42
Okt. 1	633.5	0 36 22.446	528	− 3	187 10 45.6	59 0.4	−57	1.001 1294	2805	5 58	17 40
2	634.5	0 40 18.998	531	0	188 9 46.0	59 2.7	−51	1.000 8489	2806	6 0	17 38
3	635.5	0 44 15.550	−535	+ 4	189 8 48.7	59 4.9	−44	1.000 5683	2810	6 2	17 36
4	636.5	0 48 12.102	538	+ 7	190 7 53.6	59 7.3	−34	1.000 2873	2816	6 3	17 34
5	637.5	0 52 8.654	541	+ 8	191 7 0.9	59 9.5	−22	1.000 0057	2822	6 5	17 32
6	638.5	0 56 5.206	545	+ 8	192 6 10.4	59 11.8	−10	0.999 7235	2831	6 6	17 30
7	639.5	1 0 1.758	548	+ 6	193 5 22.2	59 14.0	+ 4	0.999 4404	2840	6 8	17 27
8	640.5	1 3 58.310	551	+ 3	194 4 36.2	59 16.2	+18	0.999 1564	2850	6 9	17 25
9	641.5	1 7 54.862	−555	− 2	195 3 52.4	59 18.3	+30	0.998 8714	2862	6 11	17 23
10	642.5	1 11 51.415	558	− 7	196 3 10.7	59 20.3	+42	0.998 5852	2873	6 12	17 21
11	643.5	1 15 47.967	561	−11	197 2 31.0	59 22.3	+51	0.998 2979	2883	6 14	17 19
12	644.5	1 19 44.519	564	−12	198 1 53.3	59 24.3	+58	0.998 0096	2891	6 16	17 17
13	645.5	1 23 41.072	567	−12	199 1 17.6	59 26.1	+62	0.997 7205	2898	6 17	17 15
14	646.5	1 27 37.624	−570	− 8	200 0 43.7		+62	0.997 4307		6 19	17 13

Sonne 1942

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung (Wahre Zeit *minus* Mittlere Zeit)	Diff.	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1942		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Okt. 14	Mi	+13 42.62	14.00	13 13 55.01	3 42.55	− 7 49 34.9	22 22.7	65.04	16 3.98
15	Do	13 56.62	13.47	13 17 37.56	3 43.08	8 11 57.6	22 15.7	65.12	16 4.26
16	Fr	14 10.09	12.93	13 21 20.64	3 43.62	8 34 13.3	22 8.4	65.20	16 4.54
17	Sa	14 23.02	12.37	13 25 4.26	3 44.18	8 56 21.7	22 0.6	65.29	16 4.82
18	St	14 35.39	11.80	13 28 48.44	3 44.75	9 18 22.3	21 52.5	65.37	16 5.10
19	Mo	14 47.19	11.20	13 32 33.19	3 45.35	9 40 14.8	21 44.1	65.46	16 5.37
20	Di	+14 58.39	10.59	13 36 18.54	3 45.97	−10 1 58.9	21 35.1	65.55	16 5.65
21	Mi	15 8.98	9.96	13 40 4.51	3 46.60	10 23 34.0	21 25.8	65.65	16 5.92
22	Do	15 18.94	9.30	13 43 51.11	3 47.25	10 44 59.8	21 16.2	65.74	16 6.20
23	Fr	15 28.24	8.62	13 47 38.36	3 47.93	11 6 16.0	21 6.2	65.84	16 6.47
24	Sa	15 36.86	7.94	13 51 26.29	3 48.62	11 27 22.2	20 55.8	65.94	16 6.74
25	St	15 44.80	7.23	13 55 14.91	3 49.32	11 48 18.0	20 45.0	66.04	16 7.00
26	Mo	+15 52.03	6.50	13 59 4.23	3 50.05	−12 9 3.0	20 33.9	66.14	16 7.26
27	Di	15 58.53	5.76	14 2 54.28	3 50.80	12 29 36.9	20 22.3	66.25	16 7.53
28	Mi	16 4.29	5.00	14 6 45.08	3 51.55	12 49 59.2	20 10.4	66.35	16 7.78
29	Do	16 9.29	4.22	14 10 36.63	3 52.33	13 10 9.6	19 58.1	66.46	16 8.04
30	Fr	16 13.51	3.44	14 14 28.96	3 53.11	13 30 7.7	19 45.3	66.57	16 8.29
31	Sa	16 16.95	2.65	14 18 22.07	3 53.91	13 49 53.0	19 32.2	66.68	16 8.54
Nov. 1	St	+16 19.60	1.84	14 22 15.98	3 54.71	−14 9 25.2	19 18.7	66.80	16 8.79
2	Mo	16 21.44	1.02	14 26 10.69	3 55.53	14 28 43.9	19 4.8	66.91	16 9.03
3	Di	16 22.46	0.20	14 30 6.22	3 56.36	14 47 48.7	18 50.4	67.02	16 9.27
4	Mi	16 22.66	0.64	14 34 2.58	3 57.19	15 6 39.1	18 35.7	67.14	16 9.51
5	Do	16 22.02	1.47	14 37 59.77	3 58.03	15 25 14.8	18 20.6	67.26	16 9.75
6	Fr	16 20.55	2.32	14 41 57.80	3 58.88	15 43 35.4	18 5.0	67.37	16 10.00
7	Sa	+16 18.23	3.16	14 45 56.68	3 59.71	−16 1 40.4	17 49.0	67.49	16 10.23
8	St	16 15.07	4.00	14 49 56.39	4 0.55	16 19 29.4	17 32.6	67.61	16 10.47
9	Mo	16 11.07	4.84	14 53 56.94	4 1.40	16 37 2.0	17 15.8	67.73	16 10.70
10	Di	16 6.23	5.69	14 57 58.34	4 2.24	16 54 17.8	16 58.5	67.85	16 10.94
11	Mi	16 0.54	6.52	15 2 0.58	4 3.08	17 11 16.3	16 40.8	67.97	16 11.17
12	Do	15 54.02	7.35	15 6 3.66	4 3.91	17 27 57.1	16 22.7	68.09	16 11.40
13	Fr	+15 46.67	8.19	15 10 7.57	4 4.74	−17 44 19.8	16 4.3	68.21	16 11.63
14	Sa	15 38.48	9.01	15 14 12.31	4 5.56	18 0 24.1	15 45.3	68.33	16 11.86
15	St	15 29.47	9.83	15 18 17.87	4 6.39	18 16 9.4	15 26.0	68.45	16 12.09
16	Mo	15 19.64	10.66	15 22 24.26	4 7.22	18 31 35.4	15 6.4	68.57	16 12.31
17	Di	15 8.98	11.48	15 26 31.48	4 8.03	18 46 41.8	14 46.2	68.68	16 12.53
18	Mi	14 57.50	12.30	15 30 39.51	4 8.86	19 1 28.0	14 25.8	68.80	16 12.74
19	Do	+14 45.20	13.11	15 34 48.37	4 9.66	−19 15 53.8	14 5.0	68.91	16 12.95
20	Fr	14 32.09	13.92	15 38 58.03	4 10.47	19 29 58.8	13 43.8	69.03	16 13.16
21	Sa	14 18.17	14.72	15 43 8.50	4 11.28	19 43 42.6	13 22.3	69.14	16 13.36
22	St	14 3.45	15.52	15 47 19.78	4 12.08	19 57 4.9	13 0.4	69.25	16 13.55
23	Mo	13 47.93	16.31	15 51 31.86	4 12.87	20 10 5.3	12 38.2	69.36	16 13.75
24	Di	+13 31.62		15 55 44.73		−20 22 43.5		69.47	16 13.94

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	kurzp. Gl.	Mittleres Äquinoktium 1942.0 Länge		Breite	R		Aufgang in +50° Breite 0ʰ Länge	Untergang in +50° Breite 0ʰ Länge
1942	2430	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Okt. 14	646.5	1 27 37.624	−570	− 8	200 0 43.7	59 27.9	+62	0.997 4307	2901	6 19	17 13
15	647.5	1 31 34.176	573	− 3	201 0 11.6	59 29.6	+59	0.997 1406	2899	6 20	17 11
16	648.5	1 35 30.729	576	+ 3	201 59 41.2	59 31.4	+53	0.996 8507	2895	6 22	17 9
17	649.5	1 39 27.282	578	+ 8	202 59 12.6	59 33.0	+44	0.996 5612	2885	6 24	17 7
18	650.5	1 43 23.834	581	+12	203 58 45.6	59 34.8	+33	0.996 2727	2871	6 25	17 5
19	651.5	1 47 20.387	584	+13	204 58 20.4	59 36.5	+20	0.995 9856	2854	6 27	17 3
20	652.5	1 51 16.940	−586	+11	205 57 56.9	59 38.3	+ 7	0.995 7002	2833	6 28	17 1
21	653.5	1 55 13.493	589	+ 8	206 57 35.2	59 40.1	− 6	0.995 4169	2809	6 30	16 59
22	654.5	1 59 10.046	591	+ 3	207 57 15.3	59 41.9	−18	0.995 1360	2782	6 32	16 57
23	655.5	2 3 6.599	593	− 2	208 56 57.2	59 43.9	−28	0.994 8578	2755	6 33	16 55
24	656.5	2 7 3.152	596	− 6	209 56 41.1	59 45.8	−37	0.994 5823	2726	6 35	16 53
25	657.5	2 10 59.705	598	− 8	210 56 26.9	59 47.8	−42	0.994 3097	2697	6 37	16 51
26	658.5	2 14 56.258	−600	− 8	211 56 14.7	59 50.0	−46	0.994 0400	2667	6 38	16 49
27	659.5	2 18 52.812	602	− 7	212 56 4.7	59 51.9	−47	0.993 7733	2639	6 40	16 47
28	660.5	2 22 49.365	604	− 5	213 55 56.6	59 54.1	−44	0.993 5094	2612	6 42	16 45
29	661.5	2 26 45.919	606	− 1	214 55 50.7	59 56.3	−39	0.993 2482	2585	6 43	16 44
30	662.5	2 30 42.472	607	+ 2	215 55 47.0	59 58.3	−33	0.992 9897	2560	6 45	16 42
31	663.5	2 34 39.026	609	+ 5	216 55 45.3	60 0.5	−23	0.992 7337	2537	6 46	16 40
Nov. 1	664.5	2 38 35.580	−610	+ 7	217 55 45.8	60 2.7	−12	0.992 4800	2514	6 48	16 38
2	665.5	2 42 32.134	612	+ 8	218 55 48.5	60 4.8	0	0.992 2286	2493	6 50	16 37
3	666.5	2 46 28.688	613	+ 6	219 55 53.3	60 6.9	+12	0.991 9793	2473	6 52	16 35
4	667.5	2 50 25.242	614	+ 3	220 56 0.2	60 9.0	+25	0.991 7320	2456	6 53	16 33
5	668.5	2 54 21.796	615	− 1	221 56 9.2	60 11.0	+38	0.991 4864	2440	6 55	16 32
6	669.5	2 58 18.351	616	− 6	222 56 20.2	60 13.0	+49	0.991 2424	2426	6 56	16 30
7	670.5	3 2 14.905	−617	−10	223 56 33.2	60 14.9	+59	0.990 9998	2414	6 58	16 28
8	671.5	3 6 11.460	618	−13	224 56 48.1	60 16.7	+66	0.990 7584	2401	7 0	16 27
9	672.5	3 10 8.014	619	−13	225 57 4.8	60 18.4	+70	0.990 5183	2388	7 2	16 25
10	673.5	3 14 4.569	619	−10	226 57 23.2	60 20.1	+70	0.990 2795	2375	7 3	16 24
11	674.5	3 18 1.124	620	− 5	227 57 43.3	60 21.5	+68	0.990 0420	2359	7 5	16 22
12	675.5	3 21 57.679	620	+ 1	228 58 4.8	60 23.0	+63	0.989 8061	2338	7 6	16 21
13	676.5	3 25 54.234	−621	+ 8	229 58 27.8	60 24.4	+55	0.989 5723	2315	7 8	16 20
14	677.5	3 29 50.789	621	+12	230 58 52.2	60 25.8	+44	0.989 3408	2288	7 10	16 18
15	678.5	3 33 47.344	621	+14	231 59 18.0	60 27.0	+32	0.989 1120	2256	7 11	16 17
16	679.5	3 37 43.900	621	+13	232 59 45.0	60 28.3	+18	0.988 8864	2221	7 13	16 16
17	680.5	3 41 40.455	621	+10	234 0 13.3	60 29.6	+ 6	0.988 6643	2182	7 15	16 14
18	681.5	3 45 37.011	621	+ 5	235 0 42.9	60 31.0	− 7	0.988 4461	2140	7 16	16 13
19	682.5	3 49 33.566	−621	0	236 1 13.9	60 32.2	−17	0.988 2321	2095	7 18	16 12
20	683.5	3 53 30.122	620	− 4	237 1 46.1	60 33.6	−26	0.988 0226	2048	7 20	16 11
21	684.5	3 57 26.678	620	− 7	238 2 19.7	60 34.9	−31	0.987 8178	1999	7 21	16 10
22	685.5	4 1 23.234	619	− 8	239 2 54.6	60 36.4	−35	0.987 6179	1949	7 22	16 9
23	686.5	4 5 19.790	619	− 7	240 3 31.0	60 37.8	−35	0.987 4230	1899	7 24	16 8
24	687.5	4 9 16.346	−618	− 5	241 4 8.8		−33	0.987 2331		7 26	16 7

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung (Wahre Zeit *minus* Mittlere Zeit) m s	Diff. s	Scheinbare Rektaszension h m s	Diff. m s	Scheinbare Deklination ° ′ ″	Diff. ′ ″	Halbe Durchgangs-Dauer St.-Zt. s	Halbmesser ′ ″
1942									
Nov. 24	Di	+13 31.62	17.10	15 55 44.73	4 13.65	−20 22 43.5	12 15.6	69.47	16 13.94
25	Mi	13 14.52	17.87	15 59 58.38	4 14.43	20 34 59.1	11 52.7	69.58	16 14.12
26	Do	12 56.65	18.63	16 4 12.81	4 15.19	20 46 51.8	11 29.4	69.68	16 14.29
27	Fr	12 38.02	19.38	16 8 28.00	4 15.93	20 58 21.2	11 6.0	69.78	16 14.47
28	Sa	12 18.64	20.11	16 12 43.93	4 16.67	21 9 27.2	10 42.1	69.88	16 14.64
29	St	11 58.53	20.83	16 17 0.60	4 17.39	21 20 9.3	10 17.9	69.98	16 14.80
30	Mo	+11 37.70	21.54	16 21 17.99	4 18.09	−21 30 27.2	9 53.4	70.07	16 14.95
Dez. 1	Di	11 16.16	22.21	16 25 36.08	4 18.77	21 40 20.6	9 28.6	70.17	16 15.11
2	Mi	10 53.95	22.88	16 29 54.85	4 19.44	21 49 49.2	9 3.6	70.26	16 15.26
3	Do	10 31.07	23.52	16 34 14.29	4 20.07	21 58 52.8	8 38.3	70.34	16 15.41
4	Fr	10 7.55	24.13	16 38 34.36	4 20.69	22 7 31.1	8 12.7	70.42	16 15.55
5	Sa	9 43.42	24.72	16 42 55.05	4 21.27	22 15 43.8	7 46.9	70.50	16 15.69
6	St	+ 9 18.70	25.28	16 47 16.32	4 21.84	−22 23 30.7	7 20.7	70.58	16 15.82
7	Mo	8 53.42	25.80	16 51 38.16	4 22.36	22 30 51.4	6 54.4	70.65	16 15.96
8	Di	8 27.62	26.30	16 56 0.52	4 22.86	22 37 45.8	6 27.8	70.72	16 16.09
9	Mi	8 1.32	26.77	17 0 23.38	4 23.32	22 44 13.6	6 1.0	70.79	16 16.21
10	Do	7 34.55	27.19	17 4 46.70	4 23.75	22 50 14.6	5 34.0	70.85	16 16.34
11	Fr	7 7.36	27.58	17 9 10.45	4 24.14	22 55 48.6	5 6.8	70.91	16 16.46
12	Sa	+ 6 39.78	27.94	17 13 34.59	4 24.50	−23 0 55.4	4 39.5	70.96	16 16.58
13	St	6 11.84	28.27	17 17 59.09	4 24.83	23 5 34.9	4 11.9	71.01	16 16.69
14	Mo	5 43.57	28.57	17 22 23.92	4 25.12	23 9 46.8	3 44.2	71.05	16 16.80
15	Di	5 15.00	28.82	17 26 49.04	4 25.38	23 13 31.0	3 16.4	71.09	16 16.91
16	Mi	4 46.18	29.06	17 31 14.42	4 25.61	23 16 47.4	2 48.6	71.13	16 17.00
17	Do	4 17.12	29.26	17 35 40.03	4 25.82	23 19 36.0	2 20.5	71.16	16 17.10
18	Fr	+ 3 47.86	29.42	17 40 5.85	4 25.98	−23 21 56.5	1 52.4	71.19	16 17.19
19	Sa	3 18.44	29.57	17 44 31.83	4 26.13	23 23 48.9	1 24.3	71.21	16 17.27
20	St	2 48.87	29.68	17 48 57.96	4 26.23	23 25 13.2	0 56.0	71.23	16 17.35
21	Mo	2 19.19	29.75	17 53 24.19	4 26.31	23 26 9.2	0 27.8	71.24	16 17.42
22	Di	1 49.44	29.80	17 57 50.50	4 26.36	23 26 37.0	0 0.4	71.25	16 17.49
23	Mi	1 19.64	29.82	18 2 16.86	4 26.37	23 26 36.6	0 28.7	71.26	16 17.55
24	Do	+ 0 49.82	29.80	18 6 43.23	4 26.36	−23 26 7.9	0 57.0	71.26	16 17.60
25	Fr	+ 0 20.02	29.76	18 11 9.59	4 26.32	23 25 10.9	1 25.3	71.25	16 17.65
26	Sa	− 0 9.74	29.67	18 15 35.91	4 26.23	23 23 45.6	1 53.4	71.24	16 17.69
27	St	0 39.41	29.57	18 20 2.14	4 26.13	23 21 52.2	2 21.6	71.23	16 17.73
28	Mo	1 8.98	29.44	18 24 28.27	4 25.99	23 19 30.6	2 49.7	71.21	16 17.76
29	Di	1 38.42	29.26	18 28 54.26	4 25.82	23 16 40.9	3 17.7	71.19	16 17.78
30	Mi	− 2 7.68	29.06	18 33 20.08	4 25.62	−23 13 23.2	3 45.6	71.16	16 17.80
31	Do	2 36.74	28.83	18 37 45.70	4 25.38	23 9 37.6	4 13.4	71.12	16 17.81
32	Fr	− 3 5.57		18 42 11.08		−23 5 24.2		71.08	16 17.82

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1942.0 Länge	Diff.	Mittleres Äquinoktium 1942.0 Breite	R	Diff.	Aufgang	Untergang
										in {+50° Breite, 0ʰ Länge}	
1942	2430	h m s	in 0.001 s		° ′ ″	′ ″	in 0.01″			h m	h m
Nov. 24	687.5	4 9 16.346	−618	− 5	241 4 8.8	60 39.2	−33	0.987 2331	1849	7 26	16 7
25	688.5	4 13 12.902	617	− 2	242 4 48.0	60 40.7	−29	0.987 0482	1799	7 27	16 6
26	689.5	4 17 9.458	616	+ 1	243 5 28.7	60 42.2	−21	0.986 8683	1749	7 29	16 5
27	690.5	4 21 6.014	615	+ 4	244 6 10.9	60 43.7	−13	0.986 6934	1701	7 30	16 4
28	691.5	4 25 2.571	614	+ 6	245 6 54.6	60 45.2	− 3	0.986 5233	1653	7 32	16 4
29	692.5	4 28 59.127	613	+ 8	246 7 39.8	60 46.7	+10	0.986 3580	1607	7 33	16 3
30	693.5	4 32 55.684	−612	+ 7	247 8 26.5	60 48.1	+23	0.986 1973	1562	7 34	16 2
Dez. 1	694.5	4 36 52.241	611	+ 4	248 9 14.6	60 49.6	+36	0.986 0411	1520	7 36	16 2
2	695.5	4 40 48.797	609	0	249 10 4.2	60 51.1	+48	0.985 8891	1479	7 37	16 1
3	696.5	4 44 45.354	608	− 5	250 10 55.3	60 52.5	+59	0.985 7412	1442	7 38	16 1
4	697.5	4 48 41.911	606	−10	251 11 47.8	60 53.8	+68	0.985 5970	1406	7 40	16 0
5	698.5	4 52 38.468	605	−14	252 12 41.6	60 55.1	+76	0.985 4564	1373	7 41	16 0
6	699.5	4 56 35.025	−603	−15	253 13 36.7	60 56.3	+80	0.985 3191	1342	7 42	15 59
7	700.5	5 0 31.582	601	−13	254 14 33.0	60 57.3	+80	0.985 1849	1311	7 43	15 59
8	701.5	5 4 28.139	600	− 8	255 15 30.3	60 58.4	+78	0.985 0538	1282	7 44	15 59
9	702.5	5 8 24.696	598	− 2	256 16 28.7	60 59.2	+73	0.984 9256	1251	7 46	15 58
10	703.5	5 12 21.253	596	+ 5	257 17 27.9	60 59.9	+65	0.984 8005	1219	7 47	15 58
11	704.5	5 16 17.810	594	+11	258 18 27.8	61 0.6	+54	0.984 6786	1184	7 48	15 58
12	705.5	5 20 14.368	−592	+14	259 19 28.4	61 1.1	+42	0.984 5602	1146	7 49	15 58
13	706.5	5 24 10.925	590	+14	260 20 29.5	61 1.7	+30	0.984 4456	1105	7 50	15 58
14	707.5	5 28 7.482	588	+12	261 21 31.2	61 2.0	+16	0.984 3351	1059	7 50	15 58
15	708.5	5 32 4.040	586	+ 8	262 22 33.2	61 2.5	+ 3	0.984 2292	1010	7 51	15 58
16	709.5	5 36 0.597	584	+ 2	263 23 35.7	61 3.0	− 8	0.984 1282	957	7 52	15 58
17	710.5	5 39 57.155	582	− 2	264 24 38.7	61 3.3	−17	0.984 0325	904	7 53	15 59
18	711.5	5 43 53.712	−580	− 6	265 25 42.0	61 3.6	−24	0.983 9421	846	7 54	15 59
19	712.5	5 47 50.269	578	− 7	266 26 45.6	61 4.2	−28	0.983 8575	786	7 54	15 59
20	713.5	5 51 46.827	576	− 7	267 27 49.8	61 4.5	−28	0.983 7789	726	7 55	16 0
21	714.5	5 55 43.384	574	− 5	268 28 54.3	61 4.9	−26	0.983 7063	664	7 56	16 0
22	715.5	5 59 39.942	572	− 2	269 29 59.2	61 5.4	−22	0.983 6399	602	7 56	16 1
23	716.5	6 3 36.499	570	+ 1	270 31 4.6	61 5.8	−16	0.983 5797	540	7 57	16 1
24	717.5	6 7 33.057	−568	+ 4	271 32 10.4	61 6.3	− 7	0.983 5257	478	7 57	16 2
25	718.5	6 11 29.614	565	+ 6	272 33 16.7	61 6.7	+ 3	0.983 4779	417	7 58	16 2
26	719.5	6 15 26.172	563	+ 8	273 34 23.4	61 7.2	+15	0.983 4362	356	7 58	16 3
27	720.5	6 19 22.729	561	+ 7	274 35 30.6	61 7.7	+27	0.983 4006	296	7 58	16 4
28	721.5	6 23 19.287	559	+ 5	275 36 38.3	61 8.2	+40	0.983 3710	238	7 58	16 4
29	722.5	6 27 15.844	557	+ 2	276 37 46.5	61 8.6	+52	0.983 3472	183	7 59	16 5
30	723.5	6 31 12.402	−555	− 3	277 38 55.1	61 9.1	+62	0.983 3289	130	7 59	16 6
31	724.5	6 35 8.959	553	− 9	278 40 4.2	61 9.5	+72	0.983 3159	79	7 59	16 7
32	725.5	6 39 5.516	−551	−13	279 41 13.7		+80	0.983 3080		7 59	16 8

0^h Welt-Zeit	Mittleres Äquinoktium 1942.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942												
Jan. 0	+0.152 690	+17 246	− 48	−2	−0.891 141	+ 2 646	+277	+3	−0.386 500	+1 147	+120	0
1	0.169 936	17 193	53	−1	0.888 495	2 920	274	−5	0.385 353	1 267	120	+3
2	0.187 129	17 135	58	+1	0.885 575	3 194	274	−2	0.384 086	1 386	119	0
3	0.204 264	17 072	63	0	0.882 381	3 468	274	+2	0.382 700	1 504	118	−3
4	0.221 336	17 003	69	−3	0.878 913	3 740	272	0	0.381 196	1 623	119	+2
5	0.238 339	16 931	72	+4	0.875 173	4 011	271	+1	0.379 573	1 740	117	−2
6	+0.255 270	+16 852	− 79	−2	−0.871 162	+ 4 282	+271	+3	−0.377 833	+1 858	+118	+1
7	0.272 122	16 769	83	0	0.866 880	4 551	269	0	0.375 975	1 974	116	−2
8	0.288 891	16 681	88	+1	0.862 329	4 819	268	−3	0.374 001	2 091	117	+4
9	0.305 572	16 587	94	−3	0.857 510	5 086	267	−3	0.371 910	2 207	116	+2
10	0.322 159	16 489	98	0	0.852 424	5 351	265	−4	0.369 703	2 321	114	−4
11	0.338 648	16 385	104	−3	0.847 073	5 616	265	+1	0.367 382	2 436	115	+2
12	+0.355 033	+16 275	−110	−4	−0.841 457	+ 5 879	+263	+2	−0.364 946	+2 550	+114	+3
13	0.371 308	16 162	113	+3	0.835 578	6 140	261	0	0.362 396	2 663	113	+2
14	0.387 470	16 041	121	−5	0.829 438	6 400	260	+1	0.359 733	2 776	113	+4
15	0.403 511	15 915	126	−4	0.823 038	6 657	257	−1	0.356 957	2 887	111	0
16	0.419 426	15 785	130	+4	0.816 381	6 913	256	+3	0.354 070	2 998	111	+1
17	0.435 211	15 649	136	+5	0.809 468	7 166	253	+1	0.351 072	3 107	109	−1
18	+0.450 860	+15 508	−141	+4	−0.802 302	+ 7 416	+250	0	−0.347 965	+3 216	+109	+3
19	0.466 368	15 361	147	0	0.794 886	7 664	248	+3	0.344 749	3 324	108	+3
20	0.481 729	15 211	150	+4	0.787 222	7 909	245	+4	0.341 425	3 429	105	−3
21	0.496 940	15 054	157	−3	0.779 313	8 152	243	+5	0.337 996	3 535	106	+3
22	0.511 994	14 894	160	0	0.771 161	8 390	238	−1	0.334 461	3 638	103	−1
23	0.526 888	14 729	165	−2	0.762 771	8 627	237	+3	0.330 823	3 741	103	+4
24	+0.541 617	+14 559	−170	−4	−0.754 144	+ 8 860	+233	+1	−0.327 082	+3 843	+102	+3
25	0.556 176	14 386	173	+2	0.745 284	9 090	230	−1	0.323 239	3 942	99	−5
26	0.570 562	14 208	178	+1	0.736 194	9 317	227	−2	0.319 297	4 040	98	−4
27	0.584 770	14 027	181	+4	0.726 877	9 541	224	−1	0.315 257	4 138	98	+4
28	0.598 797	13 840	187	−2	0.717 336	9 762	221	−1	0.311 119	4 234	96	+5
29	0.612 637	13 651	189	+4	0.707 574	9 979	217	−2	0.306 885	4 329	95	+5
30	+0.626 288	+13 458	−193	+4	−0.697 595	+10 194	+215	+3	−0.302 556	+4 422	+ 93	0
31	0.639 746	13 260	198	−3	0.687 401	10 406	212	+4	0.298 134	4 513	91	−3
Febr. 1	0.653 006	13 059	201	−4	0.676 995	10 614	208	−1	0.293 621	4 604	91	+1
2	0.666 065	12 854	205	−3	0.666 381	10 818	204	−4	0.289 017	4 693	89	+1
3	0.678 919	12 646	208	0	0.655 563	11 021	203	+2	0.284 324	4 780	87	−1
4	0.691 565	12 434	212	−2	0.644 542	11 219	198	−2	0.279 544	4 867	87	+4
5	+0.703 999	+12 218	−216	−2	−0.633 323	+11 415	+196	0	−0.274 677	+4 951	+ 84	−1
6	0.716 217	11 999	219	+1	0.621 908	11 607	192	−1	0.269 726	5 035	84	+3
7	0.728 216	11 776	223	0	0.610 301	11 796	189	+1	0.264 691	5 116	81	0
8	0.739 992	11 549	227	0	0.598 505	11 982	186	0	0.259 575	5 197	81	+5
9	0.751 541	+11 319	230	+1	0.586 523	+12 163	181	−3	0.254 378	+5 276	79	+4
10	+0.762 860		−235	−3	−0.574 360		+179	+4	−0.249 102		+ 77	0

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1942.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942												
Febr. 10	+0.762 860	+11 084	−235	−3	−0.574 360	+12 342	+179	+4	−0.249 102	+5 353	+77	0
11	0.773 944	10 847	237	+1	0.562 018	12 517	175	+5	0.243 749	5 428	75	−1
12	0.784 791	10 604	243	−4	0.549 501	12 688	171	+2	0.238 321	5 502	74	+3
13	0.795 395	10 360	244	+4	0.536 813	12 854	166	−3	0.232 819	5 575	73	+5
14	0.805 755	10 111	249	+1	0.523 959	13 016	162	−4	0.227 244	5 645	70	−1
15	0.815 866	9 860	251	+3	0.510 943	13 174	158	−1	0.221 599	5 713	68	−4
16	+0.825 726	+ 9 604	−256	−3	−0.497 769	+13 328	+154	0	−0.215 886	+5 779	+66	−4
17	0.835 330	9 347	257	+3	0.484 441	13 476	148	−3	0.210 107	5 844	65	+3
18	0.844 677	9 086	261	0	0.470 965	13 621	145	+2	0.204 263	5 907	63	+5
19	0.853 763	8 824	262	+3	0.457 344	13 760	139	0	0.198 356	5 968	61	+3
20	0.862 587	8 558	266	−4	0.443 584	13 896	136	+3	0.192 388	6 026	58	−2
21	0.871 145	8 290	268	−3	0.429 688	14 026	130	−1	0.186 362	6 083	57	−1
22	+0.879 435	+ 8 021	−269	+1	−0.415 662	+14 152	+126	−2	−0.180 279	+6 137	+54	−3
23	0.887 456	7 749	272	−2	0.401 510	14 273	121	−2	0.174 142	6 191	54	+4
24	0.895 205	7 475	274	−4	0.387 237	14 390	117	+1	0.167 951	6 241	50	−2
25	0.902 680	7 200	275	−1	0.372 847	14 503	113	+2	0.161 710	6 290	49	0
26	0.909 880	6 922	278	−3	0.358 344	14 610	107	−3	0.155 420	6 337	47	+2
27	0.916 802	6 644	278	+4	0.343 734	14 714	104	+2	0.149 083	6 382	45	+2
28	+0.923 446	+ 6 364	−280	+2	−0.329 020	+14 812	+ 98	−2	−0.142 701	+6 425	+43	+1
März 1	0.929 810	6 082	282	0	0.314 208	14 907	95	+2	0.136 276	6 466	41	−1
2	0.935 892	5 799	283	+1	0.299 301	14 997	90	+3	0.129 810	6 505	39	0
3	0.941 691	5 514	285	−1	0.284 304	15 083	86	+4	0.123 305	6 542	37	+1
4	0.947 205	5 229	285	+5	0.269 221	15 165	82	+5	0.116 763	6 578	36	+3
5	0.952 434	4 942	287	+4	0.254 056	15 242	77	0	0.110 185	6 611	33	+1
6	+0.957 376	+ 4 653	−289	+1	−0.238 814	+15 315	+ 73	+1	−0.103 574	+6 643	+32	+4
7	0.962 029	4 364	289	+4	0.223 499	15 384	69	+1	0.096 931	6 673	30	+1
8	0.966 393	4 072	292	−3	0.208 115	15 448	64	0	0.090 258	6 700	27	−5
9	0.970 465	3 779	293	−3	0.192 667	15 508	60	−1	0.083 558	6 726	26	−4
10	0.974 244	3 486	293	+3	0.177 159	15 563	55	−3	0.076 832	6 749	23	−4
11	0.977 730	3 190	296	−3	0.161 596	15 613	50	−2	0.070 083	6 771	22	+2
12	+0.980 920	+ 2 894	−296	0	−0.145 983	+15 659	+ 46	+2	−0.063 312	+6 791	+20	+4
13	0.983 814	2 597	297	+1	0.130 324	15 700	41	+2	0.056 521	6 809	18	+4
14	0.986 411	2 298	299	−2	0.114 624	15 735	35	−2	0.049 712	6 824	15	−1
15	0.988 709	2 000	298	+3	0.098 889	15 766	31	0	0.042 888	6 837	13	−3
16	0.990 709	1 700	300	0	0.083 123	15 791	25	−1	0.036 051	6 848	11	−2
17	0.992 409	1 401	299	+5	0.067 332	15 812	21	+1	0.029 203	6 857	9	−1
18	+0.993 810	+ 1 101	−300	+2	−0.051 520	+15 827	+ 15	−2	−0.022 346	+6 864	+ 7	−1
19	0.994 911	801	300	+2	0.035 693	15 837	10	−4	0.015 482	6 868	4	−5
20	0.995 712	502	299	+5	0.019 856	15 842	+ 5	−4	0.008 614	6 870	2	−5
21	0.996 214	+ 203	299	+3	−0.004 014	15 842	0	−5	−0.001 744	6 871	+ 1	0
22	0.996 417	− 96	299	−1	+0.011 828	+15 837	− 5	−2	+0.005 127	+6 868	− 3	−4
23	+0.996 321		−298	−2	+0.027 665		− 9	+2	+0.011 995		− 3	+3

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0ʰ Welt-Zeit		Mittleres Äquinoktium 1942.0											
		X			*ΔX* *)	*Y*			*ΔY* *)	*Z*			*ΔZ* *)
1942													
März	23	+0.996 321	− 394	−298	−2	+0.027 665	+15 828	− 9	+2	+0.011 995	+6 865	− 3	+3
	24	0.995 927	692	298	−5	0.043 493	15 814	14	+2	0.018 860	6 859	6	0
	25	0.995 235	989	297	−4	0.059 307	15 794	20	−2	0.025 719	6 850	9	−3
	26	0.994 246	1 285	296	−1	0.075 101	15 771	23	+2	0.032 569	6 840	10	+2
	27	0.992 961	1 580	295	+2	0.090 872	15 742	29	−1	0.039 409	6 828	12	+5
	28	0.991 381	1 873	293	+5	0.106 614	15 710	32	+1	0.046 237	6 814	14	+5
	29	+0.989 508	− 2 167	−294	0	+0.122 324	+15 672	− 38	−5	+0.053 051	+6 798	−16	+5
	30	0.987 341	2 458	291	+5	0.137 996	15 630	42	−3	0.059 849	6 780	18	+4
	31	0.984 883	2 748	290	+3	0.153 626	15 585	45	+2	0.066 629	6 760	20	+2
April	1	0.982 135	3 038	290	−4	0.169 211	15 534	51	−2	0.073 389	6 738	22	+2
	2	0.979 097	3 327	289	−5	0.184 745	15 481	53	+4	0.080 127	6 715	23	+2
	3	0.975 770	3 614	287	−1	0.200 226	15 422	59	+1	0.086 842	6 689	26	−2
	4	+0.972 156	− 3 900	−286	0	+0.215 648	+15 360	− 62	+3	+0.093 531	+6 662	−27	−1
	5	0.968 256	4 186	286	−4	0.231 008	15 293	67	0	0.100 193	6 633	29	−2
	6	0.964 070	4 470	284	+1	0.246 301	15 222	71	−1	0.106 826	6 601	32	−4
	7	0.959 600	4 752	282	+4	0.261 523	15 146	76	−1	0.113 427	6 569	32	+4
	8	0.954 848	5 035	283	−3	0.276 669	15 067	79	+3	0.119 996	6 534	35	+2
	9	0.949 813	5 315	280	−1	0.291 736	14 982	85	−2	0.126 530	6 497	37	+3
	10	+0.944 498	− 5 594	−279	−3	+0.306 718	+14 893	− 89	−3	+0.133 027	+6 459	−38	+5
	11	0.938 904	5 872	278	−5	0.321 611	14 799	94	−3	0.139 486	6 418	41	+1
	12	0.933 032	6 147	275	+1	0.336 410	14 701	98	+2	0.145 904	6 375	43	0
	13	0.926 885	6 421	274	−1	0.351 111	14 598	103	+2	0.152 279	6 331	44	+1
	14	0.920 464	6 692	271	+2	0.365 709	14 491	107	+5	0.158 610	6 284	47	−1
	15	0.913 772	6 961	269	0	0.380 200	14 379	112	+4	0.164 894	6 236	48	+1
	16	+0.906 811	− 7 228	−267	−3	+0.394 579	+14 263	−116	+5	+0.171 130	+6 185	−51	−1
	17	0.899 583	7 493	265	−5	0.408 842	14 142	121	+1	0.177 315	6 134	51	+3
	18	0.892 090	7 754	261	+2	0.422 984	14 018	124	+3	0.183 449	6 079	55	−4
	19	0.884 336	8 012	258	+3	0.437 002	13 888	130	−2	0.189 528	6 024	55	−1
	20	0.876 324	8 269	257	−3	0.450 890	13 756	132	+5	0.195 552	5 966	58	−5
	21	0.868 055	8 522	253	+1	0.464 646	13 619	137	+3	0.201 518	5 907	59	−3
	22	+0.859 533	− 8 771	−249	+4	+0.478 265	+13 478	−141	+1	+0.207 425	+5 846	−61	−4
	23	0.850 762	9 019	248	−5	0.491 743	13 334	144	+1	0.213 271	5 783	63	−5
	24	0.841 743	9 263	244	−2	0.505 077	13 186	148	0	0.219 054	5 719	64	0
	25	0.832 480	9 503	240	0	0.518 263	13 034	152	−4	0.224 773	5 654	65	+3
	26	0.822 977	9 741	238	−4	0.531 297	12 879	155	−4	0.230 427	5 586	68	0
	27	0.813 236	9 976	235	−4	0.544 176	12 720	159	−5	0.236 013	5 518	68	+4
	28	+0.803 260	−10 206	−230	+4	+0.556 896	+12 559	−161	+2	+0.241 531	+5 448	−70	+1
	29	0.793 054	10 435	229	−1	0.569 455	12 395	164	+5	0.246 979	5 376	72	−2
	30	0.782 619	10 659	224	+4	0.581 850	12 227	168	0	0.252 355	5 303	73	+1
Mai	1	0.771 960	10 881	222	0	0.594 077	12 056	171	+1	0.257 658	5 230	73	+4
	2	0.761 079	−11 101	220	−4	0.606 133	+11 883	173	+5	0.262 888	+5 153	77	−4
	3	+0.749 978		−215	+2	+0.618 016		−177	+2	+0.268 041		−76	+3

*) *ΔX*, *ΔY*, *ΔZ* sind in Einheiten der 7. Dezimale gegeben.

0ʰ Welt-Zeit	Mittleres Äquinoktium 1942.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942												
Mai 3	+0.749 978	−11 316	−215	+2	+0.618 016	+11 706	−177	+2	+0.268 041	+5 077	− 76	+3
4	0.738 662	11 530	214	0	0.629 722	11 526	180	0	0.273 118	4 999	78	+3
5	0.727 132	11 739	209	+5	0.641 248	11 342	184	−3	0.278 117	4 919	80	−2
6	0.715 393	11 946	207	0	0.652 590	11 156	186	+3	0.283 036	4 838	81	−3
7	0.703 447	12 150	204	−3	0.663 746	10 966	190	+4	0.287 874	4 755	83	−3
8	0.691 297	12 351	201	−3	0.674 712	10 773	193	+5	0.292 629	4 672	83	+1
9	+0.678 946	−12 547	−196	+4	+0.685 485	+10 577	−196	+2	+0.297 301	+4 586	− 86	−3
10	0.666 399	12 740	193	+3	0.696 062	10 376	201	−3	0.301 887	4 500	86	+1
11	0.653 659	12 929	189	+1	0.706 438	10 174	202	+4	0.306 387	4 412	88	−2
12	0.640 730	13 115	186	−3	0.716 612	9 968	206	+1	0.310 799	4 322	90	−4
13	0.627 615	13 296	181	0	0.726 580	9 759	209	0	0.315 121	4 232	90	+2
14	0.614 319	13 473	177	−1	0.736 339	9 546	213	−3	0.319 353	4 140	92	+2
15	+0.600 846	−13 647	−174	−5	+0.745 885	+ 9 332	−214	+4	+0.323 493	+4 048	− 92	+5
16	0.587 199	13 815	168	+1	0.755 217	9 115	217	+5	0.327 541	3 953	95	−3
17	0.573 384	13 979	164	0	0.764 332	8 895	220	+1	0.331 494	3 858	95	−2
18	0.559 405	14 140	161	−5	0.773 227	8 672	223	−2	0.335 352	3 761	97	−4
19	0.545 265	14 295	155	−1	0.781 899	8 448	224	+1	0.339 113	3 664	97	0
20	0.530 970	14 446	151	−2	0.790 347	8 220	228	−4	0.342 777	3 566	98	+2
21	+0.516 524	−14 593	−147	−4	+0.798 567	+ 7 991	−229	0	+0.346 343	+3 466	−100	−1
22	0.501 931	14 735	142	−2	0.806 558	7 761	230	+3	0.349 809	3 367	99	+4
23	0.487 196	14 873	138	−2	0.814 319	7 527	234	−4	0.353 176	3 265	102	−3
24	0.472 323	15 005	132	+4	0.821 846	7 292	235	0	0.356 441	3 164	101	+1
25	0.457 318	15 134	129	−2	0.829 138	7 057	235	+5	0.359 605	3 061	103	−4
26	0.442 184	15 258	124	−2	0.836 195	6 819	238	−2	0.362 666	2 958	103	−3
27	+0.426 926	−15 378	−120	−2	+0.843 014	+ 6 579	−240	−4	+0.365 624	+2 854	−104	−5
28	0.411 548	15 494	116	−3	0.849 593	6 339	240	−1	0.368 478	2 749	105	−5
29	0.396 054	15 605	111	+2	0.855 932	6 097	242	−4	0.371 227	2 644	105	−1
30	0.380 449	15 712	107	+4	0.862 029	5 853	244	−3	0.373 871	2 539	105	+5
31	0.364 737	15 815	103	+4	0.867 882	5 609	244	+4	0.376 410	2 433	106	+2
Juni 1	0.348 922	15 915	100	+1	0.873 491	5 363	246	+5	0.378 843	2 325	108	−3
2	+0.333 007	−16 009	− 94	+4	+0.878 854	+ 5 116	−247	+4	+0.381 168	+2 218	−107	+3
3	0.316 998	16 101	92	−2	0.883 970	4 866	250	−4	0.383 386	2 110	108	+3
4	0.300 897	16 187	86	+3	0.888 836	4 615	251	−3	0.385 496	2 001	109	+2
5	0.284 710	16 269	82	+3	0.893 451	4 363	252	+1	0.387 497	1 892	109	+1
6	0.268 441	16 347	78	−1	0.897 814	4 109	254	−1	0.389 389	1 781	111	−4
7	0.252 094	16 420	73	+1	0.901 923	3 854	255	−1	0.391 170	1 671	110	0
8	+0.235 674	−16 488	− 68	+2	+0.905 777	+ 3 597	−257	−4	+0.392 841	+1 560	−111	−2
9	0.219 186	16 551	63	+1	0.909 374	3 339	258	−4	0.394 401	1 447	113	−5
10	0.202 635	16 610	59	−5	0.912 713	3 080	259	−1	0.395 848	1 336	111	+2
11	0.186 025	16 664	54	−4	0.915 793	2 821	259	+3	0.397 184	1 223	113	−1
12	0.169 361	−16 712	48	+1	0.918 614	+ 2 560	261	−2	0.398 407	+1 110	113	−1
13	+0.152 649		− 44	0	+0.921 174		−262	−5	+0.399 517		−113	+1

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1942.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942												
Juni 13	+0.152 649	−16 756	− 44	0	+0.921 174	+2 298	−262	−5	+0.399 517	+ 997	−113	+1
14	0.135 893	16 794	38	+3	0.923 472	2 036	262	−3	0.400 514	883	114	−1
15	0.119 099	16 828	34	+2	0.925 508	1 773	263	−4	0.401 397	770	113	+1
16	0.102 271	16 856	28	+4	0.927 281	1 510	263	0	0.402 167	655	115	−3
17	0.085 415	16 879	23	+3	0.928 791	1 247	263	+2	0.402 822	542	113	+3
18	0.068 536	16 898	19	−3	0.930 038	984	263	+3	0.403 364	427	115	−3
19	+0.051 638	−16 911	− 13	−2	+0.931 022	+ 720	−264	−1	+0.403 791	+ 313	−114	−2
20	0.034 727	16 920	9	−5	0.931 742	457	263	0	0.404 104	199	114	−1
21	0.017 807	16 923	− 3	0	0.932 199	+ 193	264	−3	0.404 303	+ 84	115	−4
22	+0.000 884	16 922	+ 1	0	0.932 392	− 69	262	+4	0.404 387	− 29	113	+4
23	−0.016 038	16 915	7	+4	0.932 323	331	262	+4	0.404 358	143	114	0
24	0.032 953	16 904	11	+1	0.931 992	593	262	+1	0.404 215	257	114	−3
25	−0.049 857	−16 890	+ 14	−4	+0.931 399	− 854	−261	−1	+0.403 958	− 371	−114	−3
26	0.066 747	16 869	21	+4	0.930 545	1 116	262	−4	0.403 587	483	112	+3
27	0.083 616	16 845	24	−1	0.929 429	1 375	259	+5	0.403 104	597	114	−2
28	0.100 461	16 817	28	−3	0.928 054	1 634	259	+4	0.402 507	709	112	+1
29	0.117 278	16 785	32	−4	0.926 420	1 894	260	−5	0.401 798	822	113	−3
30	0.134 063	16 747	38	+3	0.924 526	2 153	259	−4	0.400 976	934	112	−2
Juli 1	−0.150 810	−16 706	+ 41	−2	+0.922 373	−2 412	−259	−2	+0.400 042	−1 047	−113	−5
2	0.167 516	16 661	45	−4	0.919 961	2 669	257	+4	0.398 995	1 159	112	−1
3	0.184 177	16 610	51	0	0.917 292	2 927	258	0	0.397 836	1 270	111	+4
4	0.200 787	16 556	54	−2	0.914 365	3 185	258	−4	0.396 566	1 382	112	+2
5	0.217 343	16 496	60	+3	0.911 180	3 441	256	+1	0.395 184	1 493	111	+4
6	0.233 839	16 431	65	+3	0.907 739	3 698	257	−4	0.393 691	1 604	111	+1
7	−0.250 270	−16 362	+ 69	−1	+0.904 041	−3 953	−255	+1	+0.392 087	−1 715	−111	0
8	0.266 632	16 289	73	−4	0.900 088	4 207	254	0	0.390 372	1 825	110	+2
9	0.282 921	16 209	80	+3	0.895 881	4 461	254	−4	0.388 547	1 935	110	+2
10	0.299 130	16 126	83	−1	0.891 420	4 714	253	−3	0.386 612	2 044	109	+5
11	0.315 256	16 037	89	+3	0.886 706	4 964	250	+5	0.384 568	2 152	108	+4
12	0.331 293	15 944	93	+2	0.881 742	5 214	250	+2	0.382 416	2 261	109	−3
13	−0.347 237	−15 845	+ 99	+5	+0.876 528	−5 462	−248	+2	+0.380 155	−2 369	−108	−3
14	0.363 082	15 743	102	0	0.871 066	5 709	247	−1	0.377 786	2 475	106	+1
15	0.378 825	15 635	108	+3	0.865 357	5 954	245	0	0.375 311	2 582	107	−3
16	0.394 460	15 522	113	+3	0.859 403	6 197	243	+2	0.372 729	2 687	105	0
17	0.409 982	15 406	116	−3	0.853 206	6 438	241	+2	0.370 042	2 791	104	+1
18	0.425 388	15 284	122	−1	0.846 768	6 677	239	+1	0.367 251	2 896	105	−4
19	−0.440 672	−15 159	+125	−3	+0.840 091	−6 914	−237	0	+0.364 355	−2 998	−102	+3
20	0.455 831	15 028	131	+4	0.833 177	7 149	235	0	0.361 357	3 100	102	+2
21	0.470 859	14 893	135	+3	0.826 028	7 381	232	+2	0.358 257	3 200	100	+2
22	0.485 752	14 756	137	−4	0.818 647	7 611	230	+3	0.355 057	3 301	101	−5
23	0.500 508	−14 613	143	+1	0.811 036	−7 838	227	+4	0.351 756	−3 400	99	−2
24	−0.515 121		+146	+1	+0.803 198		−225	+1	+0.348 356		− 97	+2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit		Mittleres Äquinoktium 1942.0											
		X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942													
Juli	24	−0.515 121	−14 467	+146	+1	+0.803 198	−8 063	−225	+1	+0.348 356	−3 497	−97	+2
	25	0.529 588	14 317	150	+3	0.795 135	8 287	224	−4	0.344 859	3 594	97	−3
	26	0.543 905	14 164	153	+2	0.786 848	8 507	220	+2	0.341 265	3 690	96	−3
	27	0.558 069	14 006	158	+5	0.778 341	8 725	218	+4	0.337 575	3 785	95	−3
	28	0.572 075	13 846	160	0	0.769 616	8 941	216	+2	0.333 790	3 879	94	−1
	29	0.585 921	13 682	164	0	0.760 675	9 156	215	−4	0.329 911	3 971	92	+1
	30	−0.599 603	−13 514	+168	+1	+0.751 519	−9 367	−211	+3	+0.325 940	−4 064	−93	−4
	31	0.613 117	13 342	172	+2	0.742 152	9 577	210	+1	0.321 876	4 154	90	+3
Aug.	1	0.626 459	13 166	176	+3	0.732 575	9 784	207	+2	0.317 722	4 244	90	0
	2	0.639 625	12 987	179	0	0.722 791	9 990	206	−2	0.313 478	4 333	89	−3
	3	0.652 612	12 803	184	+1	0.712 801	10 192	202	+1	0.309 145	4 421	88	−3
	4	0.665 415	12 616	187	−3	0.702 609	10 392	200	−1	0.304 724	4 507	86	−1
	5	−0.678 031	−12 425	+191	−2	+0.692 217	−10 590	−198	−4	+0.300 217	−4 593	−86	−5
	6	0.690 456	12 229	196	+3	0.681 627	10 785	195	−1	0.295 624	4 678	85	−5
	7	0.702 685	12 030	199	−1	0.670 842	10 976	191	+4	0.290 946	4 760	82	+2
	8	0.714 715	11 828	202	−4	0.659 866	11 164	188	+4	0.286 186	4 842	82	+1
	9	0.726 543	11 621	207	0	0.648 702	11 350	186	−3	0.281 344	4 922	80	+2
	10	0.738 164	11 410	211	+2	0.637 352	11 533	183	−5	0.276 422	5 001	79	0
	11	−0.749 574	−11 197	+213	−4	+0.625 819	−11 712	−179	0	+0.271 421	−5 079	−78	−1
	12	0.760 771	10 979	218	0	0.614 107	11 887	175	+2	0.266 342	5 155	76	0
	13	0.771 750	10 758	221	−1	0.602 220	12 059	172	0	0.261 187	5 229	74	+1
	14	0.782 508	10 534	224	−5	0.590 161	12 228	169	−5	0.255 958	5 303	74	−5
	15	0.793 042	10 307	227	−4	0.577 933	12 393	165	−3	0.250 655	5 374	71	0
	16	0.803 349	10 076	231	+2	0.565 540	12 553	160	+1	0.245 281	5 444	70	−1
	17	−0.813 425	−9 842	+234	+4	+0.552 987	−12 711	−158	−3	+0.239 837	−5 512	−68	−2
	18	0.823 267	9 606	236	+1	0.540 276	12 863	152	+4	0.234 325	5 579	67	−4
	19	0.832 873	9 367	239	0	0.527 413	13 013	150	−3	0.228 746	5 644	65	−1
	20	0.842 240	9 126	241	−2	0.514 400	13 159	146	−2	0.223 102	5 707	63	+1
	21	0.851 366	8 882	244	0	0.501 241	13 300	141	+3	0.217 395	5 769	62	+1
	22	0.860 248	8 636	246	0	0.487 941	13 437	137	+4	0.211 626	5 828	59	+4
	23	−0.868 884	−8 388	+248	−2	+0.474 504	−13 572	−135	−4	+0.205 798	−5 887	−59	−1
	24	0.877 272	8 138	250	0	0.460 932	13 703	131	−4	0.199 911	5 943	56	+1
	25	0.885 410	7 885	253	+5	0.447 229	13 829	126	+1	0.193 968	5 999	56	−5
	26	0.893 295	7 630	255	+4	0.433 400	13 953	124	−4	0.187 969	6 053	54	−3
	27	0.900 925	7 374	256	0	0.419 447	14 073	120	−4	0.181 916	6 104	51	+4
	28	0.908 299	7 114	260	+4	0.405 374	14 189	116	−4	0.175 812	6 154	50	+2
	29	−0.915 413	−6 853	+261	−2	+0.391 185	−14 302	−113	−5	+0.169 658	−6 204	−50	−4
	30	0.922 266	6 590	263	−4	0.376 883	14 411	109	−5	0.163 454	6 250	46	+3
	31	0.928 856	6 323	267	+3	0.362 472	14 517	106	−5	0.157 204	6 296	46	−3
Sept.	1	0.935 179	6 055	268	−1	0.347 955	14 617	100	+3	0.150 908	6 340	44	−4
	2	0.941 234	−5 785	270	−1	0.333 338	−14 715	98	−3	0.144 568	−6 382	42	−2
	3	−0.947 019		+273	+2	+0.318 623		−93	−3	+0.138 186		−40	−2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0ʰ Welt-Zeit	Mittleres Äquinoktium 1942.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942												
Sept. 3	−0.947 019	−5 512	+273	+2	+0.318 623	−14 808	−93	−3	+0.138 186	−6 422	−40	−2
4	0.952 531	5 237	275	+3	0.303 815	14 898	90	−4	0.131 764	6 461	39	−5
5	0.957 768	4 960	277	0	0.288 917	14 982	84	+3	0.125 303	6 498	37	−2
6	0.962 728	4 682	278	−5	0.273 935	15 062	80	+5	0.118 805	6 532	34	+4
7	0.967 410	4 402	280	−4	0.258 873	15 139	77	0	0.112 273	6 565	33	+2
8	0.971 812	4 119	283	+2	0.243 734	15 210	71	+5	0.105 708	6 596	31	+2
9	−0.975 931	−3 835	+284	+1	+0.228 524	−15 277	−67	+5	+0.099 112	−6 625	−29	+3
10	0.979 766	3 550	285	0	0.213 247	15 339	62	+3	0.092 487	6 652	27	+1
11	0.983 316	3 263	287	+2	0.197 908	15 397	58	0	0.085 835	6 677	25	0
12	0.986 579	2 974	289	+4	0.182 511	15 450	53	0	0.079 158	6 700	23	−2
13	0.989 553	2 686	288	−5	0.167 061	15 498	48	+3	0.072 458	6 721	21	−3
14	0.992 239	2 396	290	−3	0.151 563	15 541	43	+4	0.065 737	6 740	19	−3
15	−0.994 635	−2 105	+291	−1	+0.136 022	−15 579	−38	+5	+0.058 997	−6 757	−17	−3
16	0.996 740	1 815	290	−3	0.120 443	15 613	34	+2	0.052 240	6 772	15	−1
17	0.998 555	1 522	293	+4	0.104 830	15 641	28	+4	0.045 468	6 784	12	+4
18	1.000 077	1 231	291	−3	0.089 189	15 666	25	−4	0.038 684	6 795	11	+3
19	1.001 308	939	292	−2	0.073 523	15 687	21	−5	0.031 889	6 803	8	+4
20	1.002 247	647	292	−1	0.057 836	15 701	14	+4	0.025 086	6 811	8	−2
21	−1.002 894	− 355	+292	+1	+0.042 135	−15 713	−12	0	+0.018 275	−6 815	− 4	+3
22	1.003 249	− 62	293	+3	0.026 422	15 719	6	+4	0.011 460	6 818	3	−2
23	1.003 311	+ 230	292	−3	+0.010 703	15 722	− 3	+2	+0.004 642	6 820	− 2	−4
24	1.003 081	522	292	−5	−0.005 019	15 720	+ 2	+3	−0.002 178	6 819	+ 1	+3
25	1.002 559	814	292	−4	0.020 739	15 714	6	+1	0.008 997	6 815	4	+5
26	1.001 745	1 108	294	+2	0.036 453	15 704	10	0	0.015 812	6 812	3	−4
27	−1.000 637	+1 400	+292	−5	−0.052 157	−15 690	+14	−1	−0.022 624	−6 805	+ 7	+2
28	0.999 237	1 692	292	−4	0.067 847	15 671	19	+2	0.029 429	6 797	8	+1
29	0.997 545	1 986	294	+4	0.083 518	15 647	24	+4	0.036 226	6 786	11	+4
30	0.995 559	2 279	293	+1	0.099 165	15 619	28	+1	0.043 012	6 774	12	0
Okt. 1	0.993 280	2 571	292	−4	0.114 784	15 588	31	−4	0.049 786	6 760	14	−2
2	0.990 709	2 864	293	0	0.130 372	15 550	38	+4	0.056 546	6 744	16	−1
3	−0.987 845	+3 156	+292	−3	−0.145 922	−15 508	+42	+4	−0.063 290	−6 726	+18	+2
4	0.984 689	3 448	292	−2	0.161 430	15 462	46	+1	0.070 016	6 705	21	+5
5	0.981 241	3 739	291	−5	0.176 892	15 410	52	+5	0.076 721	6 683	22	+2
6	0.977 502	4 030	291	−4	0.192 302	15 354	56	0	0.083 404	6 658	25	+3
7	0.973 472	4 319	289	−5	0.207 656	15 294	60	−4	0.090 062	6 633	25	−4
8	0.969 153	4 609	290	+4	0.222 950	15 228	66	0	0.096 695	6 603	30	+4
9	−0.964 544	+4 897	+288	+2	−0.238 178	−15 157	+71	+3	−0.103 298	−6 573	+30	−3
10	0.959 647	5 184	287	+1	0.253 335	15 081	76	+3	0.109 871	6 541	32	−5
11	0.954 463	5 469	285	−2	0.268 416	15 001	80	+1	0.116 412	6 505	36	+2
12	0.948 994	5 753	284	−1	0.283 417	14 915	86	+5	0.122 917	6 469	36	−4
13	0.943 241	+6 035	282	−1	0.298 332	−14 824	91	+3	0.129 386	−6 430	39	0
14	−0.937 206		+280	0	−0.313 156		+94	−4	−0.135 816		+42	+4

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1942.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942												
Okt. 14	−0.937 206	+ 6 315	+280	0	−0.313 156	−14 730	+ 94	−4	−0.135 816	−6 388	+ 42	+4
15	0.930 891	6 593	278	+1	0.327 886	14 631	99	−4	0.142 204	6 346	42	−2
16	0.924 298	6 869	276	+2	0.342 517	14 526	105	+4	0.148 550	6 300	46	+1
17	0.917 429	7 142	273	0	0.357 043	14 418	108	+2	0.154 850	6 254	46	−5
18	0.910 287	7 414	272	+4	0.371 461	14 305	113	+2	0.161 104	6 205	49	−3
19	0.902 873	7 683	269	+3	0.385 766	14 189	116	−5	0.167 309	6 155	50	−4
20	−0.895 190	+ 7 950	+267	+3	−0.399 955	−14 069	+120	−4	−0.173 464	−6 102	+ 53	−1
21	0.887 240	8 214	264	−1	0.414 024	13 944	125	+1	0.179 566	6 049	53	−4
22	0.879 026	8 477	263	+2	0.427 968	13 816	128	+2	0.185 615	5 992	57	+4
23	0.870 549	8 736	259	−4	0.441 784	13 683	133	+5	0.191 607	5 935	57	0
24	0.861 813	8 995	259	+3	0.455 467	13 547	136	+4	0.197 542	5 876	59	0
25	0.852 818	9 249	254	−4	0.469 014	13 406	141	+5	0.203 418	5 815	61	+3
26	−0.843 569	+ 9 503	+254	+4	−0.482 420	−13 263	+143	−2	−0.209 233	−5 752	+ 63	+5
27	0.834 066	9 754	251	+5	0.495 683	13 115	148	0	0.214 985	5 688	64	+2
28	0.824 312	10 003	249	+3	0.508 798	12 962	153	+5	0.220 673	5 621	67	+4
29	0.814 309	10 248	245	−3	0.521 760	12 806	156	+2	0.226 294	5 554	67	−2
30	0.804 061	10 492	244	0	0.534 566	12 646	160	0	0.231 848	5 484	70	0
31	0.793 569	10 732	240	−4	0.547 212	12 482	164	−1	0.237 332	5 413	71	−2
Nov. 1	−0.782 837	+10 970	+238	−3	−0.559 694	−12 313	+169	+2	−0.242 745	−5 340	+ 73	0
2	0.771 867	11 204	234	−3	0.572 007	12 141	172	−3	0.248 085	5 265	75	0
3	0.760 663	11 437	233	+5	0.584 148	11 965	176	−4	0.253 350	5 189	76	0
4	0.749 226	11 666	229	+4	0.596 113	11 785	180	−3	0.258 539	5 110	79	+4
5	0.737 560	11 891	225	0	0.607 898	11 600	185	+2	0.263 649	5 030	80	+1
6	0.725 669	12 113	222	+1	0.619 498	11 411	189	+1	0.268 679	4 949	81	−4
7	−0.713 556	+12 332	+219	+5	−0.630 909	−11 219	+192	−3	−0.273 628	−4 866	+ 83	−2
8	0.701 224	12 547	215	+4	0.642 128	11 023	196	−4	0.278 494	4 780	86	+3
9	0.688 677	12 758	211	0	0.653 151	10 823	200	−2	0.283 274	4 694	86	−2
10	0.675 919	12 964	206	−4	0.663 974	10 618	205	+4	0.287 968	4 605	89	+1
11	0.662 955	13 167	203	−1	0.674 592	10 411	207	−1	0.292 573	4 516	89	−4
12	0.649 788	13 365	198	−4	0.685 003	10 201	210	−1	0.297 089	4 424	92	+1
13	−0.636 423	+13 558	+193	−5	−0.695 204	− 9 986	+215	+4	−0.301 513	−4 332	+ 92	−4
14	0.622 865	13 748	190	0	0.705 190	9 770	216	−1	0.305 845	4 238	94	−2
15	0.609 117	13 933	185	−1	0.714 960	9 550	220	+3	0.310 083	4 143	95	−1
16	0.595 184	14 113	180	−2	0.724 510	9 327	223	+5	0.314 226	4 046	97	+3
17	0.581 071	14 290	177	+3	0.733 837	9 103	224	−2	0.318 272	3 948	98	+2
18	0.566 781	14 462	172	0	0.742 940	8 874	229	+4	0.322 220	3 850	98	−2
19	−0.552 319	+14 630	+168	−1	−0.751 814	− 8 645	+229	−2	−0.326 070	−3 750	+100	+1
20	0.537 689	14 793	163	−5	0.760 459	8 412	233	+1	0.329 820	3 648	102	+5
21	0.522 896	14 952	159	−5	0.768 871	8 177	235	+1	0.333 468	3 547	101	0
22	0.507 944	15 107	155	−1	0.777 048	7 939	238	+3	0.337 015	3 443	104	+3
23	0.492 837	+15 258	151	+2	0.784 987	− 7 699	240	+1	0.340 458	−3 339	104	0
24	−0.477 579		+147	+5	−0.792 686		+242	−1	−0.343 797		+105	−1

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1942.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942												
Nov. 24	−0.477 579	+15 405	+147	+5	−0.792 686	−7 457	+242	−1	−0.343 797	−3 234	+105	−1
25	0.462 174	15 547	142	+1	0.800 143	7 212	245	0	0.347 031	3 128	106	−1
26	0.446 627	15 684	137	−1	0.807 355	6 965	247	0	0.350 159	3 020	108	+4
27	0.430 943	15 818	134	+4	0.814 320	6 715	250	+1	0.353 179	2 912	108	+1
28	0.415 125	15 946	128	+2	0.821 035	6 464	251	−3	0.356 091	2 803	109	+2
29	0.399 179	16 071	125	+5	0.827 499	6 209	255	+2	0.358 894	2 692	111	+5
30	−0.383 108	+16 190	+119	−1	−0.833 708	−5 953	+256	0	−0.361 586	−2 581	+111	+2
Dez. 1	0.366 918	16 305	115	0	0.839 661	5 694	259	0	0.364 167	2 469	112	0
2	0.350 613	16 414	109	−4	0.845 355	5 434	260	−3	0.366 636	2 356	113	+1
3	0.334 199	16 519	105	+1	0.850 789	5 170	264	+1	0.368 992	2 242	114	0
4	0.317 680	16 620	101	+5	0.855 959	4 906	264	−3	0.371 234	2 127	115	−1
5	0.301 060	16 714	94	−2	0.860 865	4 638	268	+1	0.373 361	2 012	115	−2
6	−0.284 346	+16 803	+ 89	−5	−0.865 503	−4 370	+268	−4	−0.375 373	−1 895	+117	+2
7	0.267 543	16 886	83	−4	0.869 873	4 099	271	+2	0.377 268	1 778	117	+2
8	0.250 657	16 965	79	+2	0.873 972	3 826	273	+3	0.379 046	1 660	118	+3
9	0.233 692	17 038	73	+2	0.877 798	3 553	273	−3	0.380 706	1 541	119	+4
10	0.216 654	17 104	66	−4	0.881 351	3 278	275	−2	0.382 247	1 422	119	+1
11	0.199 550	17 164	60	−5	0.884 629	3 003	275	−5	0.383 669	1 303	119	−2
12	−0.182 386	+17 221	+ 57	+4	−0.887 632	−2 726	+277	−1	−0.384 972	−1 183	+120	−1
13	0.165 165	17 270	49	−4	0.890 358	2 449	277	−1	0.386 155	1 063	120	−1
14	0.147 895	17 314	44	−3	0.892 807	2 172	277	−3	0.387 218	943	120	−1
15	0.130 581	17 353	39	−1	0.894 979	1 894	278	+2	0.388 161	822	121	+4
16	0.113 228	17 387	34	0	0.896 873	1 615	279	+4	0.388 983	701	121	+5
17	0.095 841	17 415	28	−4	0.898 488	1 337	278	−2	0.389 684	580	121	+5
18	−0.078 426	+17 438	+ 23	−4	−0.899 825	−1 059	+278	−2	−0.390 264	− 459	+121	+1
19	0.060 988	17 456	18	−5	0.900 884	779	280	+4	0.390 723	338	121	−1
20	0.043 532	17 468	12	−5	0.901 663	501	278	−4	0.391 061	217	121	−3
21	0.026 064	17 476	8	0	0.902 164	− 222	279	−1	0.391 278	− 96	121	−4
22	−0.008 588	17 479	+ 3	+2	0.902 386	+ 58	280	+2	0.391 374	+ 25	121	−2
23	+0.008 891	17 476	− 3	0	0.902 328	337	279	−1	0.391 349	147	122	+1
24	+0.026 367	+17 468	− 8	+1	−0.901 991	+ 616	+279	−4	−0.391 202	+ 267	+120	−3
25	0.043 835	17 456	12	+3	0.901 375	895	279	−3	0.390 935	389	122	+3
26	0.061 291	17 437	19	−2	0.900 480	1 174	279	+1	0.390 546	510	121	+2
27	0.078 728	17 414	23	0	0.899 306	1 453	279	+3	0.390 036	631	121	+2
28	0.096 142	17 385	29	0	0.897 853	1 732	279	+5	0.389 405	752	121	0
29	0.113 527	17 352	33	+3	0.896 121	2 011	279	+5	0.388 653	872	120	−1
30	+0.130 879	+17 312	− 40	−2	−0.894 110	+2 289	+278	+1	−0.387 781	+ 994	+122	+4
31	0.148 191	+17 268	44	+2	0.891 821	+2 567	278	−2	0.386 787	+1 113	119	−4
32	+0.165 459		− 50	+1	−0.889 254		+277	−5	−0.385 674		+120	+1

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

Frühlingsäquinoktium	21. März	$6^h\ 11^m$	Herbstäquinoktium	23. Sept.	$16^h\ 17^m$
Sommersolstitium	22. Juni	1 17	Wintersolstitium	22. Dez.	11 40

Erdnähe 2. Jan. 19^h
Erdferne 6. Juli 0

Tag		0h Welt-Zeit			
		Aberration	Parallaxe	Mittlere Länge $L_\odot$	Mittlere Anomalie $M_\odot$
1942		"	"	°	°
Jan.	−5	20.81	8.95	274.1058	352.16
	+5	20.82	8.95	283.9623	2.02
	15	20.81	8.95	293.8187	11.87
	25	20.79	8.94	303.6752	21.73
Febr.	4	20.76	8.93	313.5317	31.59
	14	20.73	8.91	323.3882	41.44
	24	20.68	8.89	333.2446	51.30
März	6	20.63	8.87	343.1011	61.15
	16	20.58	8.85	352.9576	71.01
	26	20.52	8.82	2.8141	80.87
April	5	20.46	8.80	12.6705	90.72
	15	20.40	8.77	22.5270	100.58
	25	20.35	8.75	32.3835	110.43
Mai	5	20.30	8.72	42.2399	120.29
	15	20.25	8.70	52.0964	130.15
	25	20.21	8.69	61.9529	140.00
Juni	4	20.18	8.67	71.8094	149.86
	14	20.15	8.66	81.6658	159.71
	24	20.14	8.66	91.5223	169.57
Juli	4	20.13	8.66	101.3788	179.43
	14	20.14	8.66	111.2353	189.28
	24	20.15	8.66	121.0917	199.14
Aug.	3	20.17	8.67	130.9482	208.99
	13	20.20	8.69	140.8047	218.85
	23	20.24	8.70	150.6612	228.71
Sept.	2	20.29	8.72	160.5176	238.56
	12	20.34	8.74	170.3741	248.42
	22	20.40	8.77	180.2306	258.27
Okt.	2	20.45	8.79	190.0870	268.13
	12	20.51	8.82	199.9435	277.99
	22	20.57	8.84	209.8000	287.84
Nov.	1	20.63	8.87	219.6565	297.70
	11	20.68	8.89	229.5129	307.55
	21	20.72	8.91	239.3694	317.41
Dez.	1	20.76	8.92	249.2259	327.27
	11	20.79	8.94	259.0824	337.12
	21	20.81	8.95	268.9388	346.98
	31	20.82	8.95	278.7953	356.83
	41	20.82	8.95	288.6518	6.69

Tag	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Parallaxe	Diff.	Halbmesser	Diff.	Länge	Breite	Alter
	0h Welt-Zeit										
1942	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Jan. 0	4 35 11	49 41	+16 57.6	1 13.4	54 4.9	9.8	14 45.6	2.7	69.677	−5.001	12.6
1	5 24 52	50 37	+18 11.0	0 25.4	54 14.7	14.9	14 48.3	4.1	81.628	−5.006	13.6
2	6 15 29	51 11	+18 36.4	0 25.6	54 29.6	19.2	14 52.4	5.2	93.683	−4.788	14.6
3	7 6 40	51 19	+18 10.8	1 16.8	54 48.8	22.5	14 57.6	6.1	105.860	−4.351	15.6
4	7 57 59	51 7	+16 54.0	2 5.5	55 11.3	25.6	15 3.7	7.0	118.171	−3.705	16.6
5	8 49 6	50 42	+14 48.5	2 49.3	55 36.9	28.3	15 10.7	7.7	130.629	−2.874	17.6
6	9 39 48	50 20	+11 59.2	3 25.8	56 5.2	31.1	15 18.4	8.5	143.248	−1.889	18.6
7	10 30 8	50 15	+ 8 33.4	3 53.6	56 36.3	33.9	15 26.9	9.2	156.052	−0.792	19.6
8	11 20 23	50 38	+ 4 39.8	4 11.4	57 10.2	36.3	15 36.1	9.9	169.069	+0.366	20.6
9	12 11 1	51 36	+ 0 28.4	4 17.9	57 46.5	37.7	15 46.0	10.3	182.338	+1.528	21.6
10	13 2 37	53 15	− 3 49.5	4 11.3	58 24.2	37.7	15 56.3	10.2	195.893	+2.631	22.6
11	13 55 52	55 28	− 8 0.8	3 49.8	59 1.9	34.9	16 6.5	9.6	209.765	+3.606	23.6
12	14 51 20	58 1	−11 50.6	3 11.7	59 36.8	28.9	16 16.1	7.8	223.962	+4.384	24.6
13	15 49 21	60 26	−15 2.3	2 17.0	60 5.7	19.2	16 23.9	5.3	238.460	+4.900	25.6
14	16 49 47	62 6	−17 19.3	1 8.4	60 24.9	6.2	16 29.2	1.7	253.197	+5.104	26.6
15	17 51 53	62 30	−18 27.7	0 7.4	60 31.1	8.9	16 30.9	2.5	268.067	+4.968	27.6
16	18 54 23	61 27	−18 20.3	1 21.8	60 22.2	24.2	16 28.4	6.6	282.933	+4.498	28.6
17	19 55 50	59 12	−16 58.5	2 25.9	59 58.0	37.4	16 21.8	10.1	297.650	+3.732	0.1
18	20 55 2	56 18	−14 32.6	3 14.5	59 20.6	47.0	16 11.7	12.8	312.086	+2.738	1.1
19	21 51 20	53 20	−11 18.1	3 45.7	58 33.6	52.0	15 58.9	14.2	326.142	+1.598	2.1
20	22 44 40	50 43	− 7 32.4	4 1.1	57 41.6	52.3	15 44.7	14.3	339.768	+0.397	3.1
21	23 35 23	48 43	− 3 31.3	4 3.3	56 49.3	48.6	15 30.4	13.2	352.957	−0.790	4.1
22	0 24 6	47 23	+ 0 32.0	3 55.1	56 0.7	41.8	15 17.2	11.4	5.741	−1.903	5.1
23	1 11 29	46 46	+ 4 27.1	3 38.6	55 18.9	32.8	15 5.8	8.9	18.180	−2.896	6.1
24	1 58 15	46 46	+ 8 5.7	3 15.2	54 46.1	22.7	14 56.9	6.2	30.348	−3.736	7.1
25	2 45 1	47 15	+11 20.9	2 45.6	54 23.4	12.3	14 50.7	3.4	42.329	−4.398	8.1
26	3 32 16	48 9	+14 6.5	2 10.0	54 11.1	2.2	14 47.3	0.6	54.208	−4.865	9.1
27	4 20 25	49 12	+16 16.5	1 28.9	54 8.9	7.2	14 46.7	2.0	66.063	−5.123	10.1
28	5 9 37	50 16	+17 45.4	0 42.7	54 16.1	15.2	14 48.7	4.1	77.965	−5.162	11.1
29	5 59 53	51 8	+18 28.1	0 7.4	54 31.3	21.7	14 52.8	5.9	89.973	−4.976	12.1
30	6 51 1	51 38	+18 20.7	0 59.4	54 53.0	26.4	14 58.7	7.2	102.133	−4.564	13.1
31	7 42 39	51 47	+17 21.3	1 50.4	55 19.4	29.2	15 5.9	8.0	114.477	−3.934	14.1
Febr. 1	8 34 26	51 37	+15 30.9	2 37.7	55 48.6	30.5	15 13.9	8.3	127.023	−3.104	15.1
2	9 26 3	51 19	+12 53.2	3 18.1	56 19.1	30.3	15 22.2	8.3	139.778	−2.106	16.1
3	10 17 22	51 5	+ 9 35.1	3 49.6	56 49.4	29.2	15 30.5	7.9	152.741	−0.980	17.1
4	11 8 27	51 8	+ 5 45.5	4 9.9	57 18.6	27.4	15 38.4	7.5	165.908	+0.216	18.1
5	11 59 35	51 37	+ 1 35.6	4 17.9	57 46.0	25.5	15 45.9	6.9	179.272	+1.421	19.1
6	12 51 12	52 37	− 2 42.3	4 12.6	58 11.5	23.2	15 52.8	6.4	192.829	+2.564	20.1
7	13 43 49	54 8	− 6 54.9	3 53.1	58 34.7	20.9	15 59.2	5.6	206.575	+3.577	21.1
8	14 37 57	56 0	−10 48.0	3 18.8	58 55.6	17.7	16 4.8	4.9	220.505	+4.394	22.1
9	15 33 57	57 59	−14 6.8	2 30.3	59 13.3	13.5	16 9.7	3.7	234.607	+4.957	23.1
10	16 31 56		−16 37.1		59 26.8		16 13.4		248.857	+5.224	24.1

Tag	Obere Kulmination in Greenwich							0^h Länge, $+50°$ Breite			
	AR.	Änderung für 1^h westl. Länge	Dekl.	Änderung für 1^h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1^h westl. Länge	Aufgang	Änderung für 1^h westl. Länge	Untergang	Änderung für 1^h westl. Länge
1942	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Jan. 0	5 22 10	130	+18 8.2	+ 2.3	54.2	22 42.3	1.99	14 58	1.7	5 36	2.3
1	6 14 27	132	+18 36.4	+ 0.1	54.5	23 30.5	2.03	15 41	1.9	6 30	2.2
2	— — —	—	— —	—	—	— —	—	16 31	2.2	7 20	2.0
3	7 7 22	133	+18 10.1	− 2.2	54.8	0 19.4	2.04	17 26	2.4	8 4	1.8
4	8 0 25	132	+16 49.1	− 4.5	55.2	1 8.4	2.04	18 26	2.6	8 44	1.5
5	8 53 14	132	+14 36.2	− 6.5	55.7	1 57.1	2.02	19 30	2.7	9 19	1.4
6	9 45 36	130	+11 37.3	− 8.3	56.1	2 45.4	2.00	20 37	2.8	9 50	1.3
7	10 37 35	130	+ 8 0.3	− 9.7	56.7	3 33.3	1.99	21 45	2.9	10 19	1.2
8	11 29 31	130	+ 3 55.2	−10.7	57.3	4 21.2	2.00	22 55	2.9	10 46	1.1
9	12 22 0	132	− 0 27.0	−11.1	57.9	5 9.6	2.04	— —	—	11 13	1.2
10	13 15 43	137	− 4 53.4	−11.0	58.6	5 59.2	2.10	0 7	3.0	11 42	1.2
11	14 11 27	142	− 9 9.3	−10.2	59.2	6 50.8	2.20	1 20	3.1	12 13	1.4
12	15 9 48	149	−12 57.5	− 8.7	59.8	7 45.1	2.32	2 34	3.1	12 48	1.6
13	16 11 1	157	−15 59.1	− 6.3	60.2	8 42.2	2.44	3 49	3.1	13 30	1.9
14	17 14 44	162	−17 55.8	− 3.3	60.5	9 41.8	2.52	5 1	2.9	14 20	2.3
15	18 19 49	163	−18 33.9	+ 0.1	60.5	10 42.8	2.55	6 7	2.6	15 19	2.6
16	19 24 37	160	−17 49.2	+ 3.5	60.2	11 43.5	2.50	7 5	2.2	16 25	2.9
17	20 27 31	154	−15 48.3	+ 6.4	59.7	12 42.3	2.39	7 54	1.9	17 36	3.0
18	21 27 24	146	−12 47.0	+ 8.6	58.9	13 38.1	2.25	8 34	1.6	18 49	3.0
19	22 23 55	137	− 9 4.3	+ 9.9	58.0	14 30.5	2.12	9 8	1.3	20 1	3.0
20	23 17 20	130	− 4 59.3	+10.4	57.1	15 19.8	2.00	9 38	1.2	21 11	2.9
21	0 8 16	125	− 0 47.5	+10.4	56.3	16 6.7	1.92	10 5	1.1	22 19	2.8
22	0 57 30	122	+ 3 18.6	+10.0	55.5	16 51.9	1.86	10 30	1.1	23 24	2.7
23	1 45 49	120	+ 7 9.4	+ 9.2	54.9	17 36.1	1.83	10 55	1.1	— —	—
24	2 33 57	121	+10 37.3	+ 8.1	54.5	18 20.2	1.85	11 21	1.1	0 27	2.6
25	3 22 31	122	+13 35.2	+ 6.7	54.2	19 4.7	1.87	11 50	1.2	1 29	2.5
26	4 11 59	125	+15 56.8	+ 5.0	54.1	19 50.1	1.91	12 21	1.4	2 29	2.5
27	5 2 36	128	+17 35.6	+ 3.1	54.2	20 36.7	1.97	12 56	1.6	3 27	2.4
28	5 54 25	131	+18 25.9	+ 1.0	54.5	21 24.4	2.01	13 37	1.8	4 22	2.2
29	6 47 12	133	+18 23.0	− 1.3	54.9	22 13.1	2.05	14 24	2.1	5 13	2.0
30	7 40 35	134	+17 24.7	− 3.6	55.3	23 2.4	2.06	15 17	2.3	6 0	1.9
31	8 34 8	134	+15 31.7	− 5.8	55.8	23 51.9	2.06	16 16	2.6	6 42	1.7
Febr. 1	— — —	—	— —	—	—	— —	—	17 20	2.7	7 20	1.5
2	9 27 31	133	+12 48.1	− 7.8	56.3	0 41.2	2.05	18 26	2.8	7 53	1.3
3	10 20 34	132	+ 9 21.5	− 9.4	56.9	1 30.2	2.04	19 35	2.9	8 23	1.2
4	11 13 23	132	+ 5 22.1	−10.5	57.4	2 18.9	2.03	20 46	3.0	8 51	1.2
5	12 6 17	133	+ 1 2.1	−11.1	57.8	3 7.7	2.04	21 57	3.0	9 19	1.2
6	12 59 47	135	− 3 24.7	−11.1	58.3	3 57.2	2.08	23 9	3.0	9 47	1.2
7	13 54 30	139	− 7 43.5	−10.4	58.7	4 47.8	2.14	— —	—	10 17	1.3
8	14 51 0	144	−11 38.6	− 9.1	59.0	5 40.2	2.23	0 23	3.0	10 50	1.5
9	15 49 40	149	−14 53.4	− 7.1	59.3	6 34.8	2.32	1 35	3.0	11 28	1.7
10	16 50 29	154	−17 12.2	− 4.4	59.5	7 31.5	2.40	2 46	2.9	12 13	2.0

Tag	0ʰ Welt-Zeit										
	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
1942	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Febr. 10	16 31 56	59 37	−16 37.1	1 29.4	59 26.8	7.7	16 13.4	2.0	248.857	+5.224	24.1
11	17 31 33	60 28	−18 6.5	0 20.2	59 34.5	0.2	16 15.4	0.1	263.213	+5.168	25.1
12	18 32 1	60 14	−18 26.7	0 51.2	59 34.7	9.0	16 15.5	2.5	277.615	+4.789	26.1
13	19 32 15	58 58	−17 35.5	1 57.4	59 25.7	18.8	16 13.0	5.1	291.987	+4.110	27.1
14	20 31 13	56 54	−15 38.1	2 52.4	59 6.9	28.2	16 7.9	7.7	306.242	+3.179	28.1
15	21 28 7	54 30	−12 45.7	3 32.5	58 38.7	36.1	16 0.2	9.8	320.296	+2.067	29.1
16	22 22 37	52 9	− 9 13.2	3 56.6	58 2.6	41.4	15 50.4	11.3	334.080	+0.853	0.6
17	23 14 46	50 10	− 5 16.6	4 6.1	57 21.2	43.4	15 39.1	11.8	347.542	−0.383	1.6
18	0 4 56	48 40	− 1 10.5	4 2.7	56 37.8	41.9	15 27.3	11.4	0.663	−1.569	2.6
19	0 53 36	47 46	+ 2 52.2	3 49.1	55 55.9	37.5	15 15.9	10.2	13.446	−2.646	3.6
20	1 41 22	47 23	+ 6 41.3	3 27.1	55 18.4	30.4	15 5.7	8.3	25.923	−3.570	4.6
21	2 28 45	47 30	+10 8.4	2 58.3	54 48.0	21.5	14 57.4	5.9	38.144	−4.312	5.6
22	3 16 15	48 0	+13 6.7	2 23.7	54 26.5	11.4	14 51.5	3.1	50.174	−4.852	6.6
23	4 4 15	48 47	+15 30.4	1 43.8	54 15.1	0.8	14 48.4	0.2	62.087	−5.177	7.6
24	4 53 2	49 40	+17 14.2	0 59.3	54 14.3	9.6	14 48.2	2.6	73.962	−5.280	8.6
25	5 42 42	50 32	+18 13.5	0 11.0	54 23.9	19.3	14 50.8	5.3	85.877	−5.157	9.6
26	6 33 14	51 12	+18 24.5	0 39.9	54 43.2	27.7	14 56.1	7.5	97.907	−4.809	10.6
27	7 24 26	51 40	+17 44.6	1 31.4	55 10.9	34.0	15 3.6	9.3	110.118	−4.240	11.6
28	8 16 6	51 52	+16 13.2	2 21.1	55 44.9	38.0	15 12.9	10.3	122.564	−3.461	12.6
März 1	9 7 58	51 56	+13 52.1	3 5.8	56 22.9	39.2	15 23.2	10.7	135.284	−2.496	13.6
2	9 59 54	52 0	+10 46.3	3 42.9	57 2.1	37.6	15 33.9	10.3	148.299	−1.381	14.6
3	10 51 54	52 11	+ 7 3.4	4 9.2	57 39.7	33.4	15 44.2	9.1	161.609	−0.166	15.6
4	11 44 5	52 40	+ 2 54.2	4 22.5	58 13.1	27.2	15 53.3	7.4	175.195	+1.083	16.6
5	12 36 45	53 32	− 1 28.3	4 20.8	58 40.3	20.1	16 0.7	5.5	189.021	+2.290	17.6
6	13 30 17	54 44	− 5 49.1	4 3.5	59 0.4	12.7	16 6.2	3.4	203.036	+3.377	18.6
7	14 25 1	56 11	− 9 52.6	3 30.3	59 13.1	5.8	16 9.6	1.6	217.186	+4.268	19.6
8	15 21 12	57 38	−13 22.9	2 42.8	59 18.9	0.3	16 11.2	0.1	231.411	+4.902	20.6
9	16 18 50	58 49	−16 5.7	1 43.6	59 18.6	5.3	16 11.1	1.4	245.659	+5.237	21.6
10	17 17 39	59 19	−17 49.3	0 37.0	59 13.3	9.7	16 9.7	2.7	259.881	+5.251	22.6
11	18 16 58	59 0	−18 26.3	0 31.7	59 3.6	13.8	16 7.0	3.7	274.038	+4.947	23.6
12	19 15 58	57 53	−17 54.6	1 36.4	58 49.8	17.9	16 3.3	4.9	288.094	+4.349	24.6
13	20 13 51	56 7	−16 18.2	2 32.5	58 31.9	22.2	15 58.4	6.0	302.018	+3.499	25.6
14	21 9 58	54 6	−13 45.7	3 16.1	58 9.7	26.3	15 52.4	7.2	315.782	+2.456	26.6
15	22 4 4	52 7	−10 29.6	3 46.1	57 43.4	30.0	15 45.2	8.2	329.358	+1.288	27.6
16	22 56 11	50 24	− 6 43.5	4 2.0	57 13.4	32.7	15 37.0	8.9	342.721	+0.067	28.6
17	23 46 35	49 4	− 2 41.5	4 4.9	56 40.7	33.8	15 28.1	9.2	355.851	−1.136	0.0
18	0 35 39	48 14	+ 1 23.4	3 56.3	56 6.9	32.9	15 18.9	9.0	8.736	−2.257	1.0
19	1 23 53	47 50	+ 5 19.7	3 37.8	55 34.0	30.0	15 9.9	8.1	21.374	−3.244	2.0
20	2 11 43	47 50	+ 8 57.5	3 11.3	55 4.0	24.7	15 1.8	6.8	33.778	−4.058	3.0
21	2 59 33	48 8	+12 8.8	2 37.7	54 39.3	17.7	14 55.0	4.8	45.975	−4.672	4.0
22	3 47 41	48 40	+14 46.5	1 58.7	54 21.6	8.9	14 50.2	2.4	58.007	−5.070	5.0
23	4 36 21		+16 45.2		54 12.7		14 47.8		69.927	−5.245	6.0

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1942	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Febr. 10	16 50 29	154	−17 12.2	− 4.4	59.5	7 31.5	2.40	2 46	2.9	12 13	2.0
11	17 52 54	157	−18 21.8	− 1.3	59.6	8 29.8	2.45	3 53	2.6	13 6	2.4
12	18 55 53	157	−18 14.8	+ 1.9	59.5	9 28.7	2.44	4 52	2.3	14 7	2.7
13	19 58 8	154	−16 52.0	+ 4.9	59.3	10 26.8	2.39	5 44	2.0	15 14	2.9
14	20 58 30	148	−14 22.3	+ 7.4	58.9	11 23.1	2.31	6 27	1.7	16 25	3.0
15	21 56 19	141	−11 1.0	+ 9.2	58.4	12 16.8	2.18	7 4	1.4	17 38	3.0
16	22 51 25	135	− 7 5.8	+10.3	57.7	13 7.8	2.07	7 36	1.3	18 49	2.9
17	23 44 7	129	− 2 53.9	+10.6	56.9	13 56.5	1.98	8 5	1.1	19 58	2.9
18	0 34 55	125	+ 1 19.4	+10.4	56.2	14 43.2	1.92	8 31	1.1	21 6	2.8
19	1 24 28	123	+ 5 22.0	+ 9.7	55.5	15 28.7	1.88	8 57	1.1	22 11	2.7
20	2 13 24	122	+ 9 4.2	+ 8.7	54.9	16 13.6	1.86	9 23	1.1	23 14	2.6
21	3 2 18	123	+12 17.9	+ 7.4	54.5	16 58.4	1.88	9 50	1.2	— —	—
22	3 51 39	124	+14 56.5	+ 5.8	54.3	17 43.7	1.90	10 20	1.3	0 16	2.5
23	4 41 46	126	+16 54.2	+ 4.0	54.2	18 29.7	1.94	10 54	1.5	1 15	2.4
24	5 32 52	129	+18 5.6	+ 1.9	54.4	19 16.7	1.98	11 33	1.7	2 11	2.3
25	6 24 55	131	+18 26.1	− 0.3	54.7	20 4.7	2.02	12 17	2.0	3 4	2.1
26	7 17 46	133	+17 52.6	− 2.5	55.1	20 53.5	2.05	13 7	2.2	3 52	1.9
27	8 11 10	134	+16 24.0	− 4.8	55.7	21 42.8	2.06	14 3	2.5	4 37	1.7
28	9 4 48	134	+14 2.1	− 7.0	56.3	22 32.4	2.07	15 5	2.7	5 16	1.6
März 1	9 58 32	134	+10 51.7	− 8.8	57.0	23 22.0	2.07	16 11	2.8	5 51	1.4
2	— — —	—	— —	—	—	— —	—	17 20	2.9	6 23	1.3
3	10 52 19	135	+ 7 1.5	−10.3	57.7	0 11.7	2.08	18 31	3.0	6 53	1.2
4	11 46 19	136	+ 2 43.1	−11.2	58.2	1 1.7	2.09	19 44	3.1	7 21	1.2
5	12 40 53	137	− 1 48.8	−11.4	58.7	1 52.1	2.12	20 58	3.1	7 50	1.2
6	13 36 26	140	− 6 18.0	−10.9	59.0	2 43.6	2.17	22 12	3.1	8 20	1.3
7	14 33 21	144	−10 26.7	− 9.7	59.2	3 36.4	2.24	23 26	3.0	8 52	1.4
8	15 31 56	149	−13 57.6	− 7.8	59.3	4 30.9	2.30	— —	—	9 29	1.7
9	16 32 7	152	−16 34.8	− 5.2	59.3	5 27.0	2.36	0 38	2.9	10 12	1.9
10	17 33 27	154	−18 5.9	− 2.3	59.2	6 24.3	2.40	1 45	2.7	11 1	2.2
11	18 35 9	154	−18 23.8	+ 0.8	59.0	7 21.8	2.39	2 46	2.4	11 58	2.5
12	19 36 11	151	−17 28.2	+ 3.8	58.7	8 18.8	2.34	3 39	2.0	13 2	2.7
13	20 35 40	146	−15 25.5	+ 6.4	58.4	9 14.2	2.27	4 24	1.7	14 10	2.9
14	21 33 3	141	−12 27.5	+ 8.4	58.0	10 7.5	2.18	5 2	1.5	15 20	2.9
15	22 28 8	135	− 8 49.0	+ 9.7	57.5	10 58.5	2.08	5 35	1.3	16 30	2.9
16	23 21 8	130	− 4 45.8	+10.4	57.0	11 47.4	2.00	6 4	1.2	17 40	2.9
17	0 12 26	127	− 0 32.8	+10.6	56.4	12 34.6	1.94	6 31	1.1	18 48	2.8
18	1 2 33	124	+ 3 36.5	+10.1	55.8	13 20.7	1.90	6 57	1.1	19 54	2.7
19	1 52 0	123	+ 7 30.5	+ 9.3	55.3	14 6.1	1.89	7 23	1.1	20 59	2.7
20	2 41 18	123	+10 59.5	+ 8.1	54.8	14 51.3	1.89	7 50	1.2	22 2	2.6
21	3 30 48	124	+13 55.6	+ 6.6	54.4	15 36.7	1.90	8 19	1.3	23 3	2.5
22	4 20 50	126	+16 12.0	+ 4.8	54.2	16 22.7	1.93	8 52	1.4	— —	—
23	5 11 31	128	+17 43.5	+ 2.8	54.2	17 9.3	1.96	9 28	1.6	0 0	2.3

Tag	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Parallaxe	Diff.	Halbmesser	Diff.	Länge	Breite	Alter
	0h Welt-Zeit										
1942	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
März 23	4 36 21	49 18	+16 45.2	1 15.1	54 12.7	0.8	14 47.8	0.2	69.927	−5.245	6.0
24	5 25 39	49 55	+18 0.3	0 27.9	54 13.5	11.1	14 48.0	3.0	81.801	−5.196	7.0
25	6 15 34	50 27	+18 28.2	0 21.4	54 24.6	21.6	14 51.0	5.9	93.704	−4.924	8.0
26	7 6 1	50 52	+18 6.8	1 11.8	54 46.2	31.3	14 56.9	8.5	105.713	−4.435	9.0
27	7 56 53	51 10	+16 55.0	2 1.3	55 17.5	39.5	15 5.4	10.8	117.908	−3.741	10.0
28	8 48 3	51 26	+14 53.7	2 48.0	55 57.0	45.6	15 16.2	12.4	130.362	−2.857	11.0
29	9 39 29	51 46	+12 5.7	3 29.1	56 42.6	48.4	15 28.6	13.2	143.141	−1.811	12.0
30	10 31 15	52 17	+ 8 36.6	4 2.0	57 31.0	47.5	15 41.8	12.9	156.288	−0.642	13.0
31	11 23 32	53 7	+ 4 34.6	4 23.1	58 18.5	42.6	15 54.7	11.6	169.826	+0.595	14.0
April 1	12 16 39	54 15	+ 0 11.5	4 29.7	59 1.1	33.8	16 6.3	9.3	183.742	+1.829	15.0
2	13 10 54	55 45	− 4 18.2	4 19.1	59 34.9	22.3	16 15.6	6.0	197.989	+2.978	16.0
3	14 6 39	57 24	− 8 37.3	3 50.2	59 57.2	9.5	16 21.6	2.6	212.485	+3.954	17.0
4	15 4 3	58 56	−12 27.5	3 3.8	60 6.7	3.1	16 24.2	0.8	227.123	+4.681	18.0
5	16 2 59	60 1	−15 31.3	2 3.5	60 3.6	13.8	16 23.4	3.8	241.788	+5.103	19.0
6	17 3 0	60 17	−17 34.8	0 54.5	59 49.8	21.9	16 19.6	6.0	256.370	+5.193	20.0
7	18 3 17	59 37	−18 29.3	0 16.2	59 27.9	27.4	16 13.6	7.4	270.780	+4.953	21.0
8	19 2 54	58 5	−18 13.1	1 22.6	59 0.5	30.4	16 6.2	8.3	284.962	+4.414	22.0
9	20 0 59	56 0	−16 50.5	2 19.7	58 30.1	31.6	15 57.9	8.6	298.886	+3.621	23.0
10	20 56 59	53 45	−14 30.8	3 4.7	57 58.5	31.6	15 49.3	8.6	312.547	+2.636	24.0
11	21 50 44	51 38	−11 26.1	3 36.7	57 26.9	31.2	15 40.7	8.5	325.957	+1.524	25.0
12	22 42 22	49 54	− 7 49.4	3 55.9	56 55.7	30.4	15 32.2	8.3	339.133	+0.349	26.0
13	23 32 16	48 39	− 3 53.5	4 3.0	56 25.3	29.2	15 23.9	8.0	352.096	−0.822	27.0
14	0 20 55	47 53	+ 0 9.5	3 59.0	55 56.1	27.7	15 15.9	7.5	4.861	−1.932	28.0
15	1 8 48	47 37	+ 4 8.5	3 44.8	55 28.4	25.5	15 8.4	6.9	17.442	−2.929	29.0
16	1 56 25	47 43	+ 7 53.3	3 21.8	55 2.9	22.3	15 1.5	6.1	29.849	−3.771	0.4
17	2 44 8	48 5	+11 15.1	2 50.9	54 40.6	18.0	14 55.4	4.9	42.093	−4.425	1.4
18	3 32 13	48 37	+14 6.0	2 13.2	54 22.6	12.3	14 50.5	3.4	54.193	−4.870	2.4
19	4 20 50	49 11	+16 19.2	1 30.5	54 10.3	5.2	14 47.1	1.4	66.171	−5.096	3.4
20	5 10 1	49 39	+17 49.7	0 43.9	54 5.1	3.0	14 45.7	0.8	78.065	−5.099	4.4
21	5 59 40	49 59	+18 33.6	0 4.8	54 8.1	12.4	14 46.5	3.4	89.921	−4.884	5.4
22	6 49 39	50 10	+18 28.8	0 54.4	54 20.5	22.1	14 49.9	6.0	101.800	−4.458	6.4
23	7 39 49	50 15	+17 34.4	1 42.9	54 42.6	32.1	14 55.9	8.8	113.773	−3.834	7.4
24	8 30 4	50 20	+15 51.5	2 29.1	55 14.7	41.4	15 4.7	11.2	125.918	−3.030	8.4
25	9 20 24	50 34	+13 22.4	3 11.3	55 56.1	49.1	15 15.9	13.4	138.318	−2.068	9.4
26	10 10 58	51 6	+10 11.1	3 47.2	56 45.2	54.1	15 29.3	14.8	151.053	−0.980	10.4
27	11 2 4	52 1	+ 6 23.9	4 14.6	57 39.3	55.5	15 44.1	15.1	164.194	+0.191	11.4
28	11 54 5	53 27	+ 2 9.3	4 29.9	58 34.8	52.1	15 59.2	14.2	177.786	+1.389	12.4
29	12 47 32	55 20	− 2 20.6	4 29.7	59 26.9	43.6	16 13.4	11.9	191.843	+2.542	13.4
30	13 42 52	57 34	− 6 50.3	4 10.9	60 10.5	30.4	16 25.3	8.2	206.329	+3.565	14.4
Mai 1	14 40 26	59 49	−11 1.2	3 31.7	60 40.9	14.0	16 33.5	3.9	221.158	+4.372	15.4
2	15 40 15	61 35	−14 32.9	2 33.9	60 54.9	3.4	16 37.4	1.0	236.196	+4.889	16.4
3	16 41 50		−17 6.8		60 51.5		16 36.4		251.280	+5.069	17.4

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1942	h m s	s	° '	'	'	h m	m	h m	m	h m	m
März 23	5 11 31	128	+17 43.5	+ 2.8	54.2	17 9.3	1.96	9 28	1.6	0 0	2.3
24	6 2 55	129	+18 25.8	+ 0.7	54.3	17 56.6	1.98	10 10	1.8	0 55	2.2
25	6 54 56	131	+18 15.8	− 1.5	54.7	18 44.6	2.01	10 57	2.1	1 45	2.0
26	7 47 26	132	+17 12.1	− 3.8	55.2	19 33.0	2.03	11 50	2.3	2 30	1.8
27	8 40 17	133	+15 15.2	− 6.0	55.8	20 21.8	2.04	12 48	2.5	3 11	1.6
28	9 33 26	133	+12 27.7	− 8.0	56.6	21 10.8	2.05	13 51	2.7	3 48	1.4
29	10 26 56	134	+ 8 55.4	− 9.7	57.4	22 0.3	2.07	14 59	2.9	4 21	1.3
30	11 20 59	136	+ 4 47.0	−10.9	58.3	22 50.2	2.10	16 9	3.0	4 51	1.2
31	12 15 56	139	+ 0 15.0	−11.6	59.0	23 41.1	2.15	17 22	3.1	5 20	1.2
April 1	— — —	—	— —	—	—	— —	—	18 37	3.2	5 49	1.2
2	13 12 11	143	− 4 24.4	−11.5	59.6	0 33.3	2.20	19 54	3.2	6 19	1.3
3	14 10 5	147	− 8 52.2	−10.6	60.0	1 27.1	2.28	21 11	3.2	6 51	1.4
4	15 9 50	152	−12 48.0	− 8.9	60.1	2 22.7	2.35	22 26	3.0	7 26	1.6
5	16 11 16	155	−15 52.3	− 6.4	60.0	3 20.1	2.42	23 37	2.8	8 8	1.9
6	17 13 49	157	−17 49.8	− 3.4	59.8	4 18.5	2.45	— —	—	8 57	2.2
7	18 16 30	156	−18 31.8	− 0.2	59.4	5 17.1	2.43	0 41	2.5	9 53	2.5
8	19 18 11	152	−17 57.6	+ 2.9	58.9	6 14.7	2.36	1 37	2.1	10 55	2.7
9	20 17 57	146	−16 14.2	+ 5.6	58.3	7 10.4	2.27	2 24	1.8	12 1	2.8
10	21 15 17	140	−13 33.1	+ 7.7	57.8	8 3.6	2.17	3 4	1.5	13 10	2.9
11	22 10 7	134	−10 8.7	+ 9.2	57.3	8 54.4	2.07	3 38	1.3	14 19	2.9
12	23 2 45	129	− 6 15.5	+10.1	56.7	9 42.9	1.98	4 7	1.2	15 28	2.8
13	23 53 40	126	− 2 7.4	+10.5	56.2	10 29.7	1.93	4 34	1.1	16 36	2.8
14	0 43 27	123	+ 2 2.7	+10.3	55.7	11 15.5	1.89	5 0	1.1	17 42	2.7
15	1 32 38	123	+ 6 3.4	+ 9.7	55.3	12 0.6	1.88	5 25	1.1	18 46	2.7
16	2 21 45	123	+ 9 44.0	+ 8.6	54.8	12 45.6	1.88	5 51	1.1	19 50	2.6
17	3 11 9	124	+12 55.6	+ 7.3	54.5	13 31.0	1.90	6 19	1.2	20 52	2.5
18	4 1 5	126	+15 30.2	+ 5.6	54.2	14 16.8	1.93	6 50	1.4	21 51	2.4
19	4 51 37	127	+17 21.3	+ 3.7	54.1	15 3.3	1.95	7 25	1.5	22 47	2.2
20	5 42 44	128	+18 24.1	+ 1.6	54.1	15 50.3	1.97	8 4	1.7	23 39	2.1
21	6 34 17	129	+18 35.5	− 0.6	54.3	16 37.8	1.98	8 49	2.0	— —	—
22	7 26 4	130	+17 54.2	− 2.8	54.6	17 25.5	1.99	9 39	2.2	0 26	1.9
23	8 17 58	130	+16 20.6	− 5.0	55.1	18 13.3	2.00	10 34	2.4	1 8	1.7
24	9 9 57	130	+13 56.9	− 7.0	55.8	19 1.3	2.00	11 34	2.6	1 45	1.5
25	10 2 8	131	+10 47.2	− 8.8	56.6	19 49.4	2.01	12 39	2.7	2 19	1.3
26	10 54 51	133	+ 6 57.6	−10.3	57.5	20 38.0	2.05	13 46	2.9	2 50	1.2
27	11 48 31	136	+ 2 37.2	−11.3	58.5	21 27.6	2.09	14 57	3.0	3 19	1.2
28	12 43 43	140	− 2 1.4	−11.8	59.4	22 18.7	2.17	16 11	3.1	3 47	1.2
29	13 41 0	146	− 6 41.5	−11.4	60.2	23 11.9	2.27	17 28	3.2	4 15	1.2
30	— — —	—	— —	—	—	— —	—	18 46	3.3	4 46	1.4
Mai 1	14 40 45	153	−11 2.4	−10.2	60.7	0 7.6	2.38	20 4	3.2	5 20	1.5
2	15 43 2	159	−14 41.3	− 7.9	60.9	1 5.7	2.47	21 20	3.0	6 0	1.8
3	16 47 16	162	−17 17.1	− 4.9	60.8	2 5.9	2.53	22 31	2.7	6 47	2.1

Tag	0h Welt-Zeit										
	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
1942	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Mai 3	16 41 50	62 24	−17 6.8	1 22.7	60 51.5	19.5	16 36.4	5.3	251.280	+5.069	17.4
4	17 44 14	61 56	−18 29.5	0 6.3	60 32.0	32.1	16 31.1	8.7	266.248	+4.901	18.4
5	18 46 10	60 14	−18 35.8	1 6.6	59 59.9	40.5	16 22.4	11.1	280.964	+4.409	19.4
6	19 46 24	57 42	−17 29.2	2 9.1	59 19.4	44.6	16 11.3	12.1	295.337	+3.648	20.4
7	20 44 6	54 52	−15 20.1	2 57.9	58 34.8	45.2	15 59.2	12.3	309.326	+2.684	21.4
8	21 38 58	52 12	−12 22.2	3 32.1	57 49.6	43.1	15 46.9	11.8	322.932	+1.592	22.4
9	22 31 10	49 59	− 8 50.1	3 53.1	57 6.5	39.4	15 35.1	10.7	336.185	+0.441	23.4
10	23 21 9	48 24	− 4 57.0	4 1.9	56 27.1	35.0	15 24.4	9.6	349.132	−0.705	24.4
11	0 9 33	47 27	− 0 55.1	4 0.3	55 52.1	30.4	15 14.8	8.2	1.825	−1.793	25.4
12	0 57 0	47 4	+ 3 5.2	3 49.2	55 21.7	25.7	15 6.6	7.0	14.311	−2.773	26.4
13	1 44 4	47 11	+ 6 54.4	3 29.3	54 56.0	21.2	14 59.6	5.8	26.630	−3.608	27.4
14	2 31 15	47 40	+10 23.7	3 1.5	54 34.8	16.7	14 53.8	4.6	38.813	−4.265	28.4
15	3 18 55	48 20	+13 25.2	2 26.4	54 18.1	12.0	14 49.2	3.2	50.885	−4.723	29.4
16	4 7 15	49 1	+15 51.6	1 45.1	54 6.1	6.7	14 46.0	1.9	62.865	−4.968	0.8
17	4 56 16	49 35	+17 36.7	0 59.3	53 59.4	0.9	14 44.1	0.2	74.773	−4.994	1.8
18	5 45 51	49 54	+18 36.0	0 10.6	53 58.5	5.9	14 43.9	1.6	86.635	−4.803	2.8
19	6 35 45	49 57	+18 46.6	0 38.9	54 4.4	13.5	14 45.5	3.7	98.483	−4.404	3.8
20	7 25 42	49 49	+18 7.7	1 27.4	54 17.9	21.9	14 49.2	6.0	110.362	−3.814	4.8
21	8 15 31	49 35	+16 40.3	2 13.1	54 39.8	30.8	14 55.2	8.3	122.328	−3.050	5.8
22	9 5 6	49 27	+14 27.2	2 54.9	55 10.6	39.6	15 3.5	10.8	134.448	−2.139	6.8
23	9 54 33	49 36	+11 32.3	3 31.1	55 50.2	47.8	15 14.3	13.1	146.802	−1.110	7.8
24	10 44 9	50 13	+ 8 1.2	4 0.4	56 38.0	54.2	15 27.4	14.7	159.469	−0.001	8.8
25	11 34 22	51 26	+ 4 0.8	4 20.5	57 32.2	57.6	15 42.1	15.7	172.531	+1.142	9.8
26	12 25 48	53 16	− 0 19.7	4 28.6	58 29.8	56.9	15 57.8	15.5	186.050	+2.259	10.8
27	13 19 4	55 43	− 4 48.3	4 20.9	59 26.7	50.8	16 13.3	13.8	200.063	+3.280	11.8
28	14 14 47	58 34	− 9 9.2	3 54.2	60 17.5	39.1	16 27.1	10.7	214.561	+4.127	12.8
29	15 13 21	61 19	−13 3.4	3 6.6	60 56.6	22.4	16 37.8	6.1	229.476	+4.719	13.8
30	16 14 40	63 21	−16 10.0	2 0.2	61 19.0	3.0	16 43.9	0.8	244.679	+4.992	14.8
31	17 18 1	64 3	−18 10.2	0 41.6	61 22.0	16.6	16 44.7	4.5	259.996	+4.911	15.8
Juni 1	18 22 4	63 6	−18 51.8	0 39.0	61 5.4	33.6	16 40.2	9.2	275.235	+4.481	16.8
2	19 25 10	60 45	−18 12.8	1 51.3	60 31.8	46.0	16 31.0	12.5	290.222	+3.748	17.8
3	20 25 55	57 36	−16 21.5	2 48.8	59 45.8	52.8	16 18.5	14.4	304.829	+2.783	18.8
4	21 23 31	54 21	−13 32.7	3 29.4	58 53.0	54.6	16 4.1	14.9	318.989	+1.672	19.8
5	22 17 52	51 29	−10 3.3	3 53.7	57 58.4	52.5	15 49.2	14.3	332.687	+0.496	20.8
6	23 9 21	49 14	− 6 9.6	4 4.5	57 5.9	47.6	15 34.9	12.9	345.955	−0.672	21.8
7	23 58 35	47 46	− 2 5.1	4 4.1	56 18.3	40.9	15 22.0	11.2	358.846	−1.772	22.8
8	0 46 21	46 59	+ 1 59.0	3 54.1	55 37.4	33.8	15 10.8	9.2	11.428	−2.758	23.8
9	1 33 20	46 50	+ 5 53.1	3 36.0	55 3.6	26.4	15 1.6	7.2	23.768	−3.593	24.8
10	2 20 10	47 12	+ 9 29.1	3 10.3	54 37.2	19.6	14 54.4	5.3	35.928	−4.251	25.8
11	3 7 22	47 53	+12 39.4	2 37.6	54 17.6	13.1	14 49.1	3.6	47.960	−4.712	26.8
12	3 55 15	48 41	+15 17.0	1 58.5	54 4.5	7.3	14 45.5	2.0	59.905	−4.961	27.8
13	4 43 56		+17 15.5		53 57.2		14 43.5		71.797	−4.993	28.8

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1942	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Mai 3	16 47 16	162	−17 17.1	− 4.9	60.8	2 5.9	2.53	22 31	2.7	6 47	2.1
4	17 52 19	162	−18 34.7	− 1.5	60.5	3 6.8	2.53	23 32	2.4	7 42	2.4
5	18 56 39	159	−18 29.3	+ 1.9	59.9	4 7.0	2.47	— —	—	8 44	2.7
6	19 58 52	152	−17 6.6	+ 4.9	59.2	5 5.1	2.36	0 23	2.0	9 51	2.9
7	20 58 6	144	−14 39.6	+ 7.2	58.4	6 0.3	2.23	1 6	1.6	11 1	2.9
8	21 54 10	136	−11 24.4	+ 8.9	57.6	6 52.3	2.10	1 42	1.4	12 10	2.9
9	22 47 24	130	− 7 37.1	+ 9.9	56.9	7 41.4	2.00	2 12	1.2	13 20	2.8
10	23 38 23	125	− 3 32.1	+10.4	56.2	8 28.3	1.92	2 40	1.1	14 27	2.8
11	0 27 52	122	+ 0 38.0	+10.4	55.7	9 13.8	1.88	3 5	1.0	15 33	2.7
12	1 16 34	121	+ 4 42.3	+ 9.9	55.2	9 58.4	1.85	3 30	1.0	16 37	2.7
13	2 5 6	122	+ 8 30.8	+ 9.1	54.8	10 42.9	1.86	3 55	1.1	17 41	2.6
14	2 53 57	123	+11 54.3	+ 7.8	54.4	11 27.7	1.88	4 22	1.2	18 43	2.5
15	3 43 26	125	+14 44.5	+ 6.3	54.2	12 13.1	1.91	4 51	1.3	19 43	2.5
16	4 33 42	127	+16 53.9	+ 4.5	54.0	12 59.3	1.94	5 24	1.5	20 41	2.3
17	5 24 39	128	+18 16.6	+ 2.4	54.0	13 46.1	1.97	6 1	1.7	21 35	2.1
18	6 16 6	129	+18 48.4	+ 0.2	54.0	14 33.5	1.98	6 44	1.9	22 24	1.9
19	7 7 43	129	+18 27.4	− 2.0	54.2	15 21.1	1.98	7 32	2.1	23 7	1.7
20	7 59 14	129	+17 14.2	− 4.1	54.5	16 8.5	1.97	8 25	2.3	23 46	1.5
21	8 50 30	128	+15 11.0	− 6.1	55.0	16 55.7	1.96	9 23	2.5	— —	—
22	9 41 35	128	+12 21.9	− 7.9	55.7	17 42.7	1.96	10 24	2.6	0 20	1.4
23	10 32 45	128	+ 8 52.5	− 9.5	56.4	18 29.8	1.97	11 29	2.8	0 51	1.2
24	11 24 27	130	+ 4 49.9	−10.7	57.4	19 17.4	2.00	12 37	2.9	1 20	1.2
25	12 17 20	134	+ 0 23.5	−11.4	58.3	20 6.2	2.07	13 47	3.0	1 47	1.1
26	13 12 10	140	− 4 14.2	−11.6	59.3	20 57.0	2.17	15 0	3.1	2 14	1.2
27	14 9 40	148	− 8 46.6	−11.0	60.2	21 50.4	2.29	16 17	3.2	2 43	1.3
28	15 10 18	156	−12 52.5	− 9.4	60.9	22 47.0	2.42	17 35	3.3	3 14	1.4
29	16 14 5	163	−16 8.6	− 6.8	61.3	23 46.6	2.54	18 53	3.2	3 51	1.7
30	— — —	—	— —	—	—	— —	—	20 9	3.0	4 34	2.0
31	17 20 11	167	−18 12.9	− 3.5	61.4	0 48.6	2.61	21 17	2.6	5 25	2.3
Juni 1	18 27 0	166	−18 51.6	+ 0.2	61.1	1 51.3	2.60	22 16	2.2	6 26	2.7
2	19 32 36	161	−18 3.0	+ 3.7	60.4	2 52.8	2.51	23 4	1.8	7 33	2.9
3	20 35 24	153	−15 57.8	+ 6.6	59.6	3 51.5	2.37	23 44	1.5	8 45	3.0
4	21 34 36	143	−12 53.7	+ 8.6	58.7	4 46.6	2.22	— —	—	9 57	3.0
5	22 30 12	135	− 9 10.1	+ 9.9	57.8	5 38.1	2.08	0 17	1.3	11 8	2.9
6	23 22 45	128	− 5 4.5	+10.5	56.9	6 26.6	1.97	0 45	1.1	12 17	2.8
7	0 13 4	124	− 0 51.2	+10.5	56.1	7 12.8	1.90	1 11	1.1	13 24	2.8
8	1 1 59	121	+ 3 18.2	+10.2	55.4	7 57.7	1.85	1 36	1.0	14 30	2.7
9	1 50 18	121	+ 7 13.9	+ 9.4	54.9	8 42.0	1.84	2 1	1.1	15 34	2.6
10	2 38 40	121	+10 47.4	+ 8.3	54.5	9 26.3	1.85	2 27	1.1	16 36	2.6
11	3 27 35	123	+13 50.7	+ 6.9	54.2	10 11.1	1.88	2 55	1.2	17 37	2.5
12	4 17 21	126	+16 16.3	+ 5.2	54.0	10 56.8	1.93	3 26	1.4	18 35	2.4
13	5 7 59	128	+17 57.4	+ 3.2	53.9	11 43.4	1.95	4 1	1.6	19 30	2.2

Tag	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
	0h Welt-Zeit										
1942	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Juni 13	4 43 56	49 25	+17 15.5	1 13.9	53 57.2	1.7	14 43.5	0.4	71.797	−4.993	28.8
14	5 33 21	49 56	+18 29.4	0 25.7	53 55.5	3.7	14 43.1	1.0	83.661	−4.808	0.1
15	6 23 17	50 6	+18 55.1	0 24.2	53 59.2	9.4	14 44.1	2.6	95.521	−4.414	1.1
16	7 13 23	49 56	+18 30.9	1 13.5	54 8.6	15.3	14 46.7	4.1	107.403	−3.827	2.1
17	8 3 19	49 32	+17 17.4	2 0.0	54 23.9	21.8	14 50.8	6.0	119.340	−3.068	3.1
18	8 52 51	49 6	+15 17.4	2 42.1	54 45.7	28.6	14 56.8	7.8	131.372	−2.164	4.1
19	9 41 57	48 50	+12 35.3	3 18.5	55 14.3	35.9	15 4.6	9.7	143.550	−1.149	5.1
20	10 30 47	48 57	+ 9 16.8	3 47.8	55 50.2	42.8	15 14.3	11.7	155.935	−0.061	6.1
21	11 19 44	49 36	+ 5 29.0	4 9.1	56 33.0	48.9	15 26.0	13.3	168.598	+1.056	7.1
22	12 9 20	50 56	+ 1 19.9	4 20.4	57 21.9	53.1	15 39.3	14.5	181.610	+2.150	8.1
23	13 0 16	52 59	− 3 0.5	4 19.3	58 15.0	54.2	15 53.8	14.7	195.035	+3.160	9.1
24	13 53 15	55 43	− 7 19.8	4 2.7	59 9.2	50.9	16 8.5	13.9	208.916	+4.021	10.1
25	14 48 58	58 47	−11 22.5	3 27.8	60 0.1	42.4	16 22.4	11.6	223.264	+4.660	11.1
26	15 47 45	61 44	−14 50.3	2 33.0	60 42.5	28.8	16 34.0	7.8	238.037	+5.013	12.1
27	16 49 29	63 49	−17 23.3	1 21.3	61 11.3	10.8	16 41.8	3.0	253.136	+5.029	13.1
28	17 53 18	64 23	−18 44.6	0 0.0	61 22.1	8.9	16 44.8	2.5	268.409	+4.691	14.1
29	18 57 41	63 13	−18 44.6	1 20.3	61 13.2	27.7	16 42.3	7.5	283.675	+4.019	15.1
30	20 0 54	60 39	−17 24.3	2 29.1	60 45.5	43.0	16 34.8	11.7	298.753	+3.072	16.1
Juli 1	21 1 33	57 23	−14 55.2	3 20.6	60 2.5	53.1	16 23.1	14.5	313.493	+1.936	17.1
2	21 58 56	54 7	−11 34.6	3 53.3	59 9.4	57.5	16 8.6	15.7	327.800	+0.707	18.1
3	22 53 3	51 18	− 7 41.3	4 8.9	58 11.9	56.9	15 52.9	15.5	341.633	−0.527	19.1
4	23 44 21	49 11	− 3 32.4	4 11.0	57 15.0	52.5	15 37.4	14.3	355.004	−1.693	20.1
5	0 33 32	47 50	+ 0 38.6	4 2.1	56 22.5	45.5	15 23.1	12.4	7.954	−2.735	21.1
6	1 21 22	47 13	+ 4 40.7	3 44.5	55 37.0	37.0	15 10.7	10.1	20.550	−3.614	22.1
7	2 8 35	47 11	+ 8 25.2	3 19.7	55 0.0	28.1	15 0.6	7.6	32.865	−4.305	23.1
8	2 55 46	47 37	+11 44.9	2 48.2	54 31.9	19.2	14 53.0	5.2	44.972	−4.789	24.1
9	3 43 23	48 21	+14 33.1	2 10.7	54 12.7	11.0	14 47.8	3.0	56.940	−5.058	25.1
10	4 31 44	49 10	+16 43.8	1 27.8	54 1.7	3.5	14 44.8	1.0	68.826	−5.106	26.1
11	5 20 54	49 50	+18 11.6	0 40.6	53 58.2	3.0	14 43.8	0.8	80.681	−4.935	27.1
12	6 10 44	50 13	+18 52.2	0 9.2	54 1.2	8.8	14 44.6	2.4	92.545	−4.550	28.1
13	7 0 57	50 16	+18 43.0	0 59.4	54 10.0	13.8	14 47.0	3.8	104.450	−3.966	29.1
14	7 51 13	49 58	+17 43.6	1 47.7	54 23.8	18.5	14 50.8	5.0	116.424	−3.204	0.5
15	8 41 11	49 30	+15 55.9	2 31.5	54 42.3	22.9	14 55.8	6.3	128.492	−2.289	1.5
16	9 30 41	49 0	+13 24.4	3 9.4	55 5.2	27.4	15 2.1	7.4	140.684	−1.259	2.5
17	10 19 41	48 44	+10 15.0	3 39.8	55 32.6	31.9	15 9.5	8.7	153.033	−0.155	3.5
18	11 8 25	48 54	+ 6 35.2	4 1.6	56 4.5	36.4	15 18.2	9.9	165.578	+0.976	4.5
19	11 57 19	49 37	+ 2 33.6	4 13.7	56 40.9	40.4	15 28.1	11.1	178.365	+2.082	5.5
20	12 46 56	51 2	− 1 40.1	4 14.7	57 21.3	43.5	15 39.2	11.8	191.443	+3.106	6.5
21	13 37 58	53 8	− 5 54.8	4 2.8	58 4.8	44.8	15 51.0	12.2	204.856	+3.988	7.5
22	14 31 6	55 47	− 9 57.6	3 35.7	58 49.6	43.0	16 3.2	11.7	218.639	+4.666	8.5
23	15 26 53	58 43	−13 33.3	2 51.6	59 32.6	37.6	16 14.9	10.3	232.801	+5.083	9.5
24	16 25 36		−16 24.9		60 10.2		16 25.2		247.318	+5.189	10.5

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1942	h m s	s	° '	'	'	h m	m	h m	m	h m	m
Juni 13	5 7 59	128	+17 57.4	+ 3.2	53.9	11 43.4	1.95	4 1	1.6	19 30	2.2
14	5 59 20	129	+18 49.0	+ 1.1	53.9	12 30.6	1.98	4 42	1.8	20 21	2.0
15	6 51 3	129	+18 47.9	− 1.2	54.1	13 18.3	1.99	5 28	2.0	21 7	1.8
16	7 42 45	129	+17 53.6	− 3.3	54.3	14 5.9	1.98	6 19	2.2	21 48	1.6
17	8 34 5	128	+16 8.2	− 5.4	54.6	14 53.2	1.96	7 15	2.4	22 24	1.4
18	9 24 57	127	+13 36.0	− 7.2	55.1	15 40.0	1.94	8 15	2.6	22 55	1.3
19	10 15 25	126	+10 22.8	− 8.8	55.6	16 26.4	1.93	9 18	2.7	23 24	1.2
20	11 5 51	126	+ 6 35.9	−10.0	56.3	17 12.7	1.94	10 24	2.8	23 51	1.1
21	11 56 49	129	+ 2 23.7	−10.9	57.2	17 59.6	1.98	11 31	2.9	— —	—
22	12 49 4	133	− 2 3.6	−11.3	58.1	18 47.8	2.05	12 41	3.0	0 17	1.1
23	13 43 26	139	− 6 33.3	−11.1	59.0	19 38.1	2.15	13 54	3.1	0 44	1.2
24	14 40 42	147	−10 49.0	−10.1	59.9	20 31.3	2.28	15 9	3.2	1 13	1.3
25	15 41 24	156	−14 30.6	− 8.2	60.6	21 27.9	2.43	16 26	3.2	1 45	1.5
26	16 45 28	164	−17 15.5	− 5.4	61.2	22 27.8	2.55	17 42	3.1	2 23	1.7
27	17 51 58	168	−18 43.8	− 1.9	61.4	23 30.2	2.63	18 54	2.9	3 9	2.1
28	— — —	—	— —	—	—	— —	—	19 59	2.5	4 5	2.5
29	18 59 10	167	−18 43.6	+ 1.9	61.2	0 33.3	2.61	20 54	2.1	5 9	2.8
30	20 4 59	162	−17 16.5	+ 5.3	60.7	1 35.0	2.52	21 39	1.7	6 21	3.0
Juli 1	21 7 50	153	−14 35.9	+ 7.9	60.0	2 33.8	2.38	22 16	1.4	7 36	3.1
2	22 6 59	143	−11 2.4	+ 9.7	59.0	3 28.8	2.21	22 48	1.2	8 50	3.1
3	23 2 30	135	− 6 57.1	+10.6	58.0	4 20.2	2.08	23 16	1.1	10 2	3.0
4	23 55 3	128	− 2 38.3	+10.8	57.1	5 8.7	1.97	23 41	1.1	11 12	2.9
5	0 45 26	124	+ 1 39.4	+10.6	56.2	5 55.0	1.90	— —	—	12 19	2.8
6	1 34 31	122	+ 5 45.1	+ 9.9	55.4	6 40.1	1.86	0 6	1.1	13 24	2.7
7	2 23 7	121	+ 9 29.8	+ 8.8	54.8	7 24.6	1.86	0 32	1.1	14 28	2.6
8	3 11 53	123	+12 45.9	+ 7.5	54.4	8 9.3	1.87	0 59	1.2	15 29	2.5
9	4 1 15	124	+15 26.3	+ 5.9	54.1	8 54.6	1.90	1 29	1.3	16 29	2.4
10	4 51 28	127	+17 24.7	+ 4.0	54.0	9 40.7	1.94	2 2	1.5	17 25	2.3
11	5 42 33	129	+18 35.3	+ 1.9	54.0	10 27.7	1.98	2 41	1.7	18 18	2.1
12	6 34 15	130	+18 54.2	− 0.3	54.1	11 15.4	1.99	3 25	2.0	19 5	1.9
13	7 26 13	130	+18 19.3	− 2.6	54.3	12 3.3	2.00	4 14	2.2	19 49	1.7
14	8 18 2	129	+16 51.7	− 4.7	54.6	12 51.0	1.98	5 9	2.4	20 26	1.5
15	9 9 22	128	+14 34.8	− 6.7	54.9	13 38.3	1.96	6 8	2.5	20 59	1.3
16	10 0 10	126	+11 34.7	− 8.3	55.4	14 25.0	1.94	7 11	2.6	21 29	1.2
17	10 50 32	126	+ 7 58.9	− 9.6	55.9	15 11.3	1.93	8 15	2.7	21 57	1.1
18	11 40 53	126	+ 3 56.4	−10.5	56.5	15 57.6	1.94	9 22	2.8	22 23	1.1
19	12 31 49	129	− 0 22.7	−11.0	57.1	16 44.4	1.98	10 30	2.9	22 48	1.1
20	13 24 4	133	− 4 46.9	−10.9	57.9	17 32.6	2.05	11 40	2.9	23 15	1.2
21	14 18 26	139	− 9 2.6	−10.3	58.7	18 22.9	2.15	12 52	3.0	23 45	1.3
22	15 15 40	147	−12 53.7	− 8.9	59.4	19 16.0	2.28	14 5	3.1	— —	—
23	16 16 8	155	−16 1.5	− 6.6	60.1	20 12.4	2.42	15 19	3.1	0 19	1.5
24	17 19 40	162	−18 6.4	− 3.6	60.6	21 11.8	2.53	16 32	2.9	1 0	1.9

Tag	0h Welt-Zeit: Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Parallaxe	Diff.	Halbmesser	Diff.	Länge	Breite	Alter
1942	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Juli 24	16 25 36	61 21	−16 24.9	1 50.8	60 10.2	27.9	16 25.2	7.6	247.318	+5.189	10.5
25	17 26 57	63 2	−18 15.7	0 36.7	60 38.1	14.2	16 32.8	3.8	262.125	+4.957	11.5
26	18 29 59	63 18	−18 52.4	0 42.9	60 52.3	2.3	16 36.6	0.6	277.112	+4.386	12.5
27	19 33 17	62 0	−18 9.5	1 58.3	60 50.0	19.4	16 36.0	5.3	292.138	+3.512	13.5
28	20 35 17	59 34	−16 11.2	3 0.4	60 30.6	34.7	16 30.7	9.4	307.053	+2.403	14.5
29	21 34 51	56 36	−13 10.8	3 44.4	59 55.9	46.5	16 21.3	12.7	321.717	+1.151	15.5
30	22 31 27	53 42	− 9 26.4	4 9.4	59 9.4	53.3	16 8.6	14.5	336.026	−0.148	16.5
31	23 25 9	51 15	− 5 17.0	4 17.6	58 16.1	55.0	15 54.1	15.0	349.915	−1.402	17.5
Aug. 1	0 16 24	49 27	− 0 59.4	4 12.0	57 21.1	52.5	15 39.1	14.3	3.368	−2.539	18.5
2	1 5 51	48 20	+ 3 12.6	3 56.0	56 28.6	46.6	15 24.8	12.7	16.404	−3.508	19.5
3	1 54 11	47 51	+ 7 8.6	3 31.5	55 42.0	38.3	15 12.1	10.4	29.068	−4.277	20.5
4	2 42 2	47 54	+10 40.1	3 0.4	55 3.7	28.9	15 1.7	7.9	41.426	−4.827	21.5
5	3 29 56	48 20	+13 40.5	2 23.4	54 34.8	18.9	14 53.8	5.2	53.551	−5.149	22.5
6	4 18 16	48 58	+16 3.9	1 41.6	54 15.9	9.3	14 48.6	2.5	65.517	−5.243	23.5
7	5 7 14	49 38	+17 45.5	0 55.4	54 6.6	0.2	14 46.1	0.1	77.397	−5.111	24.5
8	5 56 52	50 9	+18 40.9	0 6.2	54 6.4	7.7	14 46.0	2.1	89.256	−4.761	25.5
9	6 47 1	50 24	+18 47.1	0 44.2	54 14.1	14.3	14 48.1	4.0	101.151	−4.205	26.5
10	7 37 25	50 22	+18 2.9	1 33.8	54 28.4	19.7	14 52.1	5.3	113.131	−3.461	27.5
11	8 27 47	50 3	+16 29.1	2 20.2	54 48.1	23.7	14 57.4	6.5	125.234	−2.555	28.5
12	9 17 50	49 40	+14 8.9	3 1.0	55 11.8	26.6	15 3.9	7.2	137.490	−1.519	29.5
13	10 7 30	49 21	+11 7.9	3 34.3	55 38.4	28.6	15 11.1	7.8	149.923	−0.395	0.9
14	10 56 51	49 16	+ 7 33.6	3 58.5	56 7.0	29.9	15 18.9	8.2	162.552	+0.767	1.9
15	11 46 7	49 39	+ 3 35.1	4 12.4	56 36.9	30.9	15 27.1	8.4	175.392	+1.910	2.9
16	12 35 46	50 33	− 0 37.3	4 14.6	57 7.8	31.5	15 35.5	8.6	188.459	+2.975	3.9
17	13 26 19	52 3	− 4 51.9	4 4.2	57 39.3	31.8	15 44.1	8.6	201.766	+3.899	4.9
18	14 18 22	54 3	− 8 56.1	3 39.9	58 11.1	31.1	15 52.7	8.5	215.323	+4.625	5.9
19	15 12 25	56 26	−12 36.0	3 0.9	58 42.2	29.2	16 1.2	8.0	229.136	+5.100	6.9
20	16 8 51	58 46	−15 36.9	2 7.2	59 11.4	25.3	16 9.2	6.8	243.197	+5.281	7.9
21	17 7 37	60 36	−17 44.1	1 0.9	59 36.7	18.8	16 16.0	5.2	257.484	+5.143	8.9
22	18 8 13	61 29	−18 45.0	0 12.8	59 55.5	9.7	16 21.2	2.6	271.953	+4.680	9.9
23	19 9 42	61 9	−18 32.2	1 27.0	60 5.2	1.6	16 23.8	0.4	286.535	+3.913	10.9
24	20 10 51	59 40	−17 5.2	2 33.5	60 3.6	14.3	16 23.4	3.9	301.145	+2.891	11.9
25	21 10 31	57 28	−14 31.7	3 26.0	59 49.3	26.7	16 19.5	7.3	315.682	+1.686	12.9
26	22 7 59	55 3	−11 5.7	4 0.9	59 22.6	37.1	16 12.2	10.1	330.048	+0.387	13.9
27	23 3 2	52 47	− 7 4.8	4 18.3	58 45.5	44.4	16 2.1	12.1	344.155	−0.913	14.9
28	23 55 49	50 57	− 2 46.5	4 19.6	58 1.1	47.9	15 50.0	13.1	357.937	−2.130	15.9
29	0 46 46	49 39	+ 1 33.1	4 7.7	57 13.2	47.4	15 36.9	12.9	11.357	−3.196	16.9
30	1 36 25	48 54	+ 5 40.8	3 45.5	56 25.8	43.3	15 24.0	11.8	24.410	−4.064	17.9
31	2 25 19	48 37	+ 9 26.3	3 15.0	55 42.5	36.5	15 12.2	9.9	37.115	−4.707	18.9
Sept. 1	3 13 56	48 44	+12 41.3	2 38.3	55 6.0	27.8	15 2.3	7.6	49.517	−5.113	19.9
2	4 2 40	49 5	+15 19.6	1 56.5	54 38.2	17.9	14 54.7	4.9	61.675	−5.280	20.9
3	4 51 45		+17 16.1		54 20.3		14 49.8		73.660	−5.214	21.9

Tag	Obere Kulmination in Greenwich								0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1942	h m s	s	° '	'	'	h m	m	h m	m	h m	m
Juli 24	17 19 40	162	—18 6.4	— 3.6	60.6	21 11.8	2.53	16 32	2.9	1 0	1.9
25	18 25 17	165	—18 52.4	— 0.1	60.9	22 13.4	2.58	17 39	2.6	1 49	2.2
26	19 31 19	164	—18 12.0	+ 3.5	60.8	23 15.3	2.56	18 39	2.3	2 48	2.6
27	— — —	—	— —	—	—	— —	—	19 29	1.9	3 55	2.9
28	20 35 57	159	—16 9.5	+ 6.6	60.5	0 15.8	2.47	20 11	1.6	5 8	3.1
29	21 37 48	151	—13 0.3	+ 9.0	59.9	1 13.6	2.34	20 46	1.4	6 24	3.1
30	22 36 20	142	— 9 5.0	+10.5	59.1	2 8.0	2.20	21 16	1.2	7 40	3.1
31	23 31 39	135	— 4 45.1	+11.1	58.2	2 59.2	2.08	21 44	1.1	8 52	3.0
Aug. 1	0 24 19	129	— 0 18.9	+11.0	57.2	3 47.8	1.98	22 9	1.1	10 3	2.9
2	1 15 8	125	+ 3 59.1	+10.4	56.3	4 34.6	1.92	22 35	1.1	11 11	2.8
3	2 4 51	124	+ 7 58.0	+ 9.4	55.5	5 20.2	1.89	23 2	1.2	12 16	2.7
4	2 54 11	123	+11 29.1	+ 8.1	54.9	6 5.5	1.88	23 31	1.3	13 19	2.6
5	3 43 40	124	+14 25.4	+ 6.5	54.5	6 50.9	1.90	— —	—	14 20	2.5
6	4 33 44	126	+16 40.9	+ 4.7	54.2	7 36.9	1.93	0 3	1.4	15 17	2.3
7	5 24 31	128	+18 10.3	+ 2.7	54.1	8 23.6	1.96	0 40	1.6	16 11	2.2
8	6 16 1	129	+18 49.2	+ 0.5	54.1	9 11.0	1.99	1 21	1.9	17 1	2.0
9	7 7 58	130	+18 34.8	— 1.7	54.3	9 58.9	2.00	2 9	2.1	17 46	1.8
10	8 0 4	130	+17 26.7	— 3.9	54.6	10 46.9	2.00	3 2	2.3	18 26	1.6
11	8 51 59	129	+15 26.9	— 6.0	55.0	11 34.8	1.99	4 0	2.5	19 1	1.4
12	9 43 29	128	+12 40.3	— 7.8	55.4	12 22.2	1.97	5 2	2.6	19 32	1.2
13	10 34 34	127	+ 9 14.0	— 9.3	55.9	13 9.2	1.95	6 6	2.7	20 1	1.2
14	11 25 26	127	+ 5 17.4	—10.3	56.4	13 56.0	1.95	7 13	2.8	20 28	1.1
15	12 16 29	128	+ 1 1.3	—10.9	56.9	14 43.0	1.97	8 21	2.9	20 54	1.1
16	13 8 18	131	— 3 22.3	—11.0	57.5	15 30.7	2.02	9 31	2.9	21 20	1.1
17	14 1 32	135	— 7 40.0	—10.4	58.0	16 19.9	2.09	10 42	3.0	21 49	1.3
18	14 56 50	141	—11 36.9	— 9.2	58.6	17 11.1	2.19	11 54	3.0	22 21	1.4
19	15 54 42	148	—14 56.7	— 7.3	59.1	18 4.9	2.30	13 6	3.0	22 58	1.7
20	16 55 15	154	—17 22.8	— 4.7	59.5	19 1.3	2.40	14 17	2.9	23 42	2.0
21	17 58 2	159	—18 39.9	— 1.6	59.9	20 0.0	2.48	15 24	2.7	— —	—
22	19 2 1	160	—18 37.9	+ 1.8	60.1	20 59.9	2.50	16 26	2.4	0 34	2.4
23	20 5 46	158	—17 15.2	+ 5.1	60.1	21 59.5	2.46	17 19	2.0	1 36	2.7
24	21 7 58	153	—14 39.5	+ 7.8	59.8	22 57.6	2.38	18 3	1.7	2 45	3.0
25	22 7 44	146	—11 6.8	+ 9.8	59.4	23 53.3	2.26	18 41	1.5	3 59	3.1
26	— — —	—	— —	—	—	— —	—	19 14	1.3	5 14	3.1
27	23 4 46	139	— 6 56.6	+10.9	58.7	0 46.3	2.15	19 43	1.2	6 29	3.1
28	23 59 17	134	— 2 28.9	+11.3	58.0	1 36.7	2.05	20 10	1.1	7 41	3.0
29	0 51 49	129	+ 1 58.8	+10.9	57.1	2 25.1	1.99	20 36	1.1	8 52	2.9
30	1 42 59	127	+ 6 12.4	+10.1	56.3	3 12.2	1.95	21 3	1.2	10 0	2.8
31	2 33 22	126	+10 0.9	+ 8.9	55.6	3 58.6	1.92	21 31	1.2	11 5	2.7
Sept. 1	3 23 33	126	+13 15.7	+ 7.3	55.0	4 44.7	1.93	22 3	1.4	12 8	2.5
2	4 13 55	126	+15 50.2	+ 5.5	54.6	5 31.0	1.94	22 38	1.6	13 7	2.4
3	5 4 42	128	+17 39.2	+ 3.5	54.3	6 17.7	1.95	23 17	1.8	14 3	2.2

Mond 1942

Tag	0ʰ Welt-Zeit										
	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
1942	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Sept. 3	4 51 45	49 33	+17 16.1	1 10.7	54 20.3	7.5	14 49.8	2.0	73.660	−5.214	21.9
4	5 41 18	49 58	+18 26.8	0 22.2	54 12.8	2.6	14 47.8	0.7	85.549	−4.925	22.9
5	6 31 16	50 15	+18 49.0	0 27.9	54 15.4	12.0	14 48.5	3.3	97.418	−4.427	23.9
6	7 21 31	50 20	+18 21.1	1 18.0	54 27.4	20.1	14 51.8	5.5	109.342	−3.735	24.9
7	8 11 51	50 14	+17 3.1	2 5.9	54 47.5	26.6	14 57.3	7.2	121.386	−2.873	25.9
8	9 2 5	50 5	+14 57.2	2 49.8	55 14.1	31.0	15 4.5	8.5	133.609	−1.868	26.9
9	9 52 10	49 56	+12 7.4	3 27.1	55 45.1	33.4	15 13.0	9.1	146.054	−0.757	27.9
10	10 42 6	49 58	+ 8 40.3	3 55.9	56 18.5	33.7	15 22.1	9.1	158.752	+0.412	28.9
11	11 32 4	50 22	+ 4 44.4	4 14.1	56 52.2	32.1	15 31.2	8.8	171.717	+1.583	0.3
12	12 22 26	51 8	+ 0 30.3	4 19.9	57 24.3	29.2	15 40.0	7.9	184.946	+2.692	1.3
13	13 13 34	52 24	− 3 49.6	4 11.8	57 53.5	25.3	15 47.9	6.9	198.423	+3.672	2.3
14	14 5 58	54 2	− 8 1.4	3 49.2	58 18.8	21.1	15 54.8	5.8	212.119	+4.458	3.3
15	15 0 0	55 57	−11 50.6	3 11.4	58 39.9	16.9	16 0.6	4.6	225.998	+4.995	4.3
16	15 55 57	57 49	−15 2.0	2 19.8	58 56.8	12.6	16 5.2	3.4	240.021	+5.241	5.3
17	16 53 46	59 15	−17 21.8	1 16.6	59 9.4	8.3	16 8.6	2.3	254.148	+5.175	6.3
18	17 53 1	59 58	−18 38.4	0 6.6	59 17.7	3.5	16 10.9	0.9	268.342	+4.794	7.3
19	18 52 59	59 42	−18 45.0	1 4.7	59 21.2	2.2	16 11.8	0.6	282.564	+4.119	8.3
20	19 52 41	58 33	−17 40.3	2 10.7	59 19.0	8.6	16 11.2	2.3	296.777	+3.193	9.3
21	20 51 14	56 48	−15 29.6	3 5.7	59 10.4	15.9	16 8.9	4.4	310.942	+2.074	10.3
22	21 48 2	54 49	−12 23.9	3 46.5	58 54.5	23.3	16 4.5	6.3	325.013	+0.837	11.3
23	22 42 51	52 55	− 8 37.4	4 11.3	58 31.2	30.1	15 58.2	8.2	338.942	−0.436	12.3
24	23 35 46	51 21	− 4 26.1	4 20.5	58 1.1	35.4	15 50.0	9.7	352.682	−1.665	13.3
25	0 27 7	50 13	− 0 5.6	4 15.3	57 25.7	38.5	15 40.3	10.4	6.186	−2.777	14.3
26	1 17 20	49 32	+ 4 9.7	3 57.8	56 47.2	39.0	15 29.9	10.7	19.420	−3.715	15.3
27	2 6 52	49 15	+ 8 7.5	3 30.4	56 8.2	36.6	15 19.2	9.9	32.365	−4.438	16.3
28	2 56 7	49 15	+11 37.9	2 54.9	55 31.6	31.6	15 9.3	8.7	45.021	−4.926	17.3
29	3 45 22	49 28	+14 32.8	2 13.4	55 0.0	24.5	15 0.6	6.6	57.408	−5.170	18.3
30	4 34 50	49 43	+16 46.2	1 27.6	54 35.5	15.6	14 54.0	4.3	69.566	−5.176	19.3
Okt. 1	5 24 33	49 56	+18 13.8	0 39.0	54 19.9	5.6	14 49.7	1.5	81.552	−4.954	20.3
2	6 14 29	50 2	+18 52.8	0 11.0	54 14.3	4.8	14 48.2	1.3	93.435	−4.521	21.3
3	7 4 31	50 1	+18 41.8	1 1.0	54 19.1	15.2	14 49.5	4.1	105.293	−3.896	22.3
4	7 54 32	49 54	+17 40.8	1 49.3	54 34.3	24.7	14 53.6	6.8	117.209	−3.099	23.3
5	8 44 26	49 48	+15 51.5	2 34.5	54 59.0	32.9	15 0.4	9.0	129.267	−2.157	24.3
6	9 34 14	49 47	+13 17.0	3 14.9	55 31.9	39.1	15 9.4	10.6	141.543	−1.101	25.3
7	10 24 1	50 1	+10 2.1	3 48.4	56 11.0	42.3	15 20.0	11.5	154.105	+0.031	26.3
8	11 14 2	50 35	+ 6 13.7	4 12.6	56 53.3	42.6	15 31.5	11.6	167.001	+1.188	27.3
9	12 4 37	51 35	+ 2 1.1	4 25.0	57 35.9	39.4	15 43.1	10.8	180.256	+2.311	28.3
10	12 56 12	53 2	− 2 23.9	4 23.3	58 15.3	33.3	15 53.9	9.0	193.863	+3.331	29.3
11	13 49 14	54 49	− 6 47.2	4 5.2	58 48.6	25.0	16 2.9	6.8	207.787	+4.176	0.8
12	14 44 3	56 48	−10 52.4	3 30.0	59 13.6	15.5	16 9.7	4.3	221.961	+4.781	1.8
13	15 40 51	58 36	−14 22.4	2 38.7	59 29.1	6.0	16 14.0	1.6	236.297	+5.094	2.8
14	16 39 27		−17 1.1		59 35.1		16 15.6		250.702	+5.088	3.8

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, + 50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1942	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Sept. 3	5 4 42	128	+17 39.2	+ 3.5	54.3	6 17.7	1.95	23 17	1.8	14 3	2.2
4	5 56 0	129	+18 38.5	+ 1.4	54.2	7 4.9	1.98	— —	—	14 55	2.0
5	6 47 44	130	+18 45.4	− 0.8	54.3	7 52.6	1.99	0 2	2.0	15 42	1.8
6	7 39 42	130	+17 58.6	− 3.1	54.6	8 40.5	2.00	0 53	2.2	16 23	1.6
7	8 31 42	130	+16 18.9	− 5.2	55.0	9 28.4	2.00	1 49	2.4	17 0	1.5
8	9 23 32	129	+13 49.6	− 7.2	55.4	10 16.2	1.99	2 50	2.6	17 33	1.3
9	10 15 11	129	+10 36.1	− 8.9	56.0	11 3.7	1.98	3 54	2.7	18 3	1.2
10	11 6 45	129	+ 6 46.8	−10.2	56.6	11 51.2	1.98	5 1	2.8	18 31	1.1
11	11 58 33	130	+ 2 32.0	−11.0	57.2	12 38.9	2.00	6 10	2.9	18 57	1.1
12	12 50 58	132	− 1 55.5	−11.2	57.7	13 27.3	2.04	7 20	3.0	19 24	1.1
13	13 44 34	136	− 6 21.3	−10.8	58.2	14 16.8	2.10	8 32	3.0	19 52	1.2
14	14 39 49	141	−10 29.5	− 9.7	58.5	15 8.0	2.17	9 44	3.0	20 23	1.4
15	15 37 8	146	−14 3.4	− 8.0	58.9	16 1.2	2.26	10 57	3.0	20 58	1.6
16	16 36 35	151	−16 46.8	− 5.5	59.1	16 56.6	2.35	12 8	2.9	21 40	1.9
17	17 37 51	155	−18 25.4	− 2.6	59.3	17 53.7	2.41	13 16	2.7	22 29	2.2
18	18 40 9	156	−18 49.6	+ 0.6	59.3	18 51.9	2.43	14 18	2.4	23 26	2.5
19	19 42 23	155	−17 56.4	+ 3.8	59.3	19 50.1	2.40	15 13	2.1	— —	—
20	20 43 29	151	−15 50.6	+ 6.6	59.2	20 47.1	2.34	15 59	1.8	0 31	2.8
21	21 42 41	145	−12 43.7	+ 8.9	58.9	21 42.2	2.25	16 38	1.5	1 41	3.0
22	22 39 40	140	− 8 51.6	+10.4	58.5	22 35.1	2.16	17 12	1.3	2 54	3.1
23	23 34 31	135	− 4 32.2	+11.1	58.0	23 25.8	2.08	17 42	1.2	4 7	3.0
24	— — —	—	— —	—	—	— —	—	18 9	1.1	5 20	3.0
25	0 27 38	131	− 0 2.9	+11.2	57.4	0 14.9	2.02	18 36	1.1	6 32	2.9
26	1 19 30	129	+ 4 20.5	+10.7	56.8	1 2.7	1.98	19 2	1.1	7 41	2.8
27	2 10 37	127	+ 8 24.7	+ 9.6	56.1	1 49.7	1.95	19 30	1.2	8 48	2.7
28	3 1 28	127	+11 58.7	+ 8.2	55.5	2 36.5	1.95	20 0	1.3	9 53	2.6
29	3 52 20	127	+14 54.3	+ 6.4	54.9	3 23.3	1.95	20 34	1.5	10 55	2.5
30	4 43 27	128	+17 4.9	+ 4.4	54.5	4 10.3	1.97	21 12	1.7	11 53	2.3
Okt. 1	5 34 51	129	+18 25.9	+ 2.3	54.3	4 57.7	1.98	21 55	1.9	12 47	2.1
2	6 26 28	129	+18 54.7	+ 0.1	54.2	5 45.2	1.98	22 43	2.1	13 36	1.9
3	7 18 10	129	+18 30.1	− 2.1	54.4	6 32.8	1.98	23 37	2.3	14 19	1.7
4	8 9 49	129	+17 12.4	− 4.3	54.7	7 20.4	1.98	— —	—	14 58	1.5
5	9 1 19	129	+15 4.0	− 6.4	55.2	8 7.8	1.98	0 35	2.5	15 32	1.4
6	9 52 43	129	+12 9.0	− 8.2	55.8	8 55.2	1.98	1 38	2.7	16 3	1.2
7	10 44 12	129	+ 8 33.3	− 9.7	56.5	9 42.6	1.98	2 43	2.8	16 31	1.1
8	11 36 5	131	+ 4 25.5	−10.8	57.2	10 30.4	2.01	3 52	2.9	16 58	1.1
9	12 28 47	133	− 0 3.1	−11.4	57.9	11 19.0	2.05	5 2	3.0	17 25	1.1
10	13 22 50	137	− 4 38.4	−11.4	58.6	12 9.0	2.12	6 15	3.1	17 53	1.2
11	14 18 43	142	− 9 3.5	−10.6	59.1	13 0.8	2.20	7 29	3.1	18 23	1.4
12	15 16 44	148	−12 59.5	− 9.0	59.4	13 54.7	2.29	8 44	3.1	18 57	1.5
13	16 16 55	153	−16 7.5	− 6.6	59.6	14 50.8	2.38	9 58	3.0	19 37	1.8
14	17 18 49	156	−18 11.2	− 3.6	59.6	15 48.6	2.43	11 9	2.8	20 25	2.2

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
1942	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Okt. 14	16 39 27	59 54	−17 1.1	1 34.6	59 35.1	2.5	16 15.6	0.7	250.702	+5.088	3.8
15	17 39 21	60 16	−18 35.7	0 23.2	59 32.6	9.4	16 14.9	2.5	265.089	+4.762	4.8
16	18 39 37	59 41	−18 58.9	0 49.0	59 23.2	14.7	16 12.4	4.0	279.387	+4.141	5.8
17	19 39 18	58 12	−18 9.9	1 55.3	59 8.5	18.6	16 8.4	5.1	293.551	+3.272	6.8
18	20 37 30	56 13	−16 14.6	2 51.3	58 49.9	21.7	16 3.3	5.9	307.555	+2.215	7.8
19	21 33 43	54 7	−13 23.3	3 33.8	58 28.2	24.2	15 57.4	6.6	321.391	+1.041	8.8
20	22 27 50	52 13	− 9 49.5	4 2.2	58 4.0	26.4	15 50.8	7.2	335.057	−0.178	9.8
21	23 20 3	50 44	− 5 47.3	4 16.1	57 37.6	28.5	15 43.6	7.8	348.552	−1.369	10.8
22	0 10 47	49 45	− 1 31.2	4 16.8	57 9.1	30.1	15 35.8	8.2	1.871	−2.467	11.8
23	1 0 32	49 15	+ 2 45.6	4 5.1	56 39.0	30.9	15 27.6	8.4	15.003	−3.415	12.8
24	1 49 47	49 8	+ 6 50.7	3 42.5	56 8.1	30.5	15 19.2	8.3	27.936	−4.170	13.8
25	2 38 55	49 19	+10 33.2	3 10.4	55 37.6	28.5	15 10.9	7.8	40.657	−4.702	14.8
26	3 28 14	49 38	+13 43.6	2 30.9	55 9.1	24.8	15 3.1	6.7	53.160	−4.997	15.8
27	4 17 52	49 56	+16 14.5	1 45.6	54 44.3	19.2	14 56.4	5.3	65.452	−5.054	16.8
28	5 7 48	50 7	+18 0.1	0 56.8	54 25.1	12.1	14 51.1	3.3	77.554	−4.881	17.8
29	5 57 55	50 4	+18 56.9	0 6.4	54 13.0	3.5	14 47.8	0.9	89.505	−4.495	18.8
30	6 47 59	49 51	+19 3.3	0 43.8	54 9.5	6.3	14 46.9	1.7	101.358	−3.917	19.8
31	7 37 50	49 30	+18 19.5	1 32.3	54 15.8	16.4	14 48.6	4.5	113.182	−3.173	20.8
Nov. 1	8 27 20	49 9	+16 47.2	2 17.7	54 32.2	26.8	14 53.1	7.3	125.058	−2.287	21.8
2	9 16 29	48 58	+14 29.5	2 58.9	54 59.0	36.4	15 0.4	9.9	137.074	−1.290	22.8
3	10 5 27	49 6	+11 30.6	3 34.6	55 35.4	44.5	15 10.3	12.1	149.321	−0.216	23.8
4	10 54 33	49 39	+ 7 56.0	4 3.2	56 19.9	50.0	15 22.4	13.6	161.883	+0.894	24.8
5	11 44 12	50 45	+ 3 52.8	4 22.4	57 9.9	52.0	15 36.0	14.2	174.835	+1.990	25.8
6	12 34 57	52 27	− 0 29.6	4 29.3	58 1.9	49.9	15 50.2	13.6	188.223	+3.012	26.8
7	13 27 24	54 39	− 4 58.9	4 20.6	58 51.8	43.1	16 3.8	11.7	202.060	+3.890	27.8
8	14 22 3	57 10	− 9 19.5	3 53.5	59 34.9	32.0	16 15.5	8.8	216.314	+4.554	28.8
9	15 19 13	59 37	−13 13.0	3 7.1	60 6.9	17.9	16 24.3	4.9	230.901	+4.939	0.4
10	16 18 50	61 30	−16 20.1	2 3.5	60 24.8	2.9	16 29.2	0.7	245.699	+5.001	1.4
11	17 20 20	62 15	−18 23.6	0 48.6	60 27.7	11.3	16 29.9	3.0	260.561	+4.727	2.4
12	18 22 35	61 41	−19 12.2	0 29.3	60 16.4	22.8	16 26.9	6.3	275.347	+4.137	3.4
13	19 24 16	59 54	−18 42.9	1 41.4	59 53.6	31.0	16 20.6	8.4	289.939	+3.283	4.4
14	20 24 10	57 22	−17 1.5	2 41.5	59 22.6	35.5	16 12.2	9.7	304.263	+2.234	5.4
15	21 21 32	54 40	−14 20.0	3 26.8	58 47.1	37.3	16 2.5	10.1	318.284	+1.070	6.4
16	22 16 12	52 14	−10 53.2	3 56.9	58 9.8	36.7	15 52.4	10.0	332.004	−0.132	7.4
17	23 8 26	50 21	− 6 56.3	4 12.8	57 33.1	35.1	15 42.4	9.6	345.444	−1.302	8.4
18	23 58 47	49 6	− 2 43.5	4 16.1	56 58.0	32.6	15 32.8	8.9	358.636	−2.379	9.4
19	0 47 53	48 29	+ 1 32.6	4 8.0	56 25.4	30.0	15 23.9	8.2	11.611	−3.312	10.4
20	1 36 22	48 24	+ 5 40.6	3 49.6	55 55.4	27.4	15 15.7	7.4	24.396	−4.062	11.4
21	2 24 46	48 42	+ 9 30.2	3 21.8	55 28.0	24.6	15 8.3	6.7	37.007	−4.601	12.4
22	3 13 28	49 15	+12 52.0	2 45.6	55 3.4	21.6	15 1.6	5.9	49.454	−4.911	13.4
23	4 2 43	49 47	+15 37.6	2 2.6	54 41.8	17.8	14 55.7	4.8	61.744	−4.988	14.4
24	4 52 30		+17 40.2		54 24.0		14 50.9		73.884	−4.835	15.4

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, + 50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1942	h m s	s	° '	'	'	h m	m	h m	m	h m	m
Okt. 14	17 18 49	156	−18 11.2	− 3.6	59.6	15 48.6	2.43	11 9	2.8	20 25	2.2
15	18 21 31	157	−18 59.6	− 0.4	59.4	16 47.2	2.44	12 14	2.5	21 20	2.5
16	19 23 53	155	−18 29.4	+ 2.9	59.2	17 45.5	2.40	13 11	2.2	22 23	2.7
17	20 24 49	150	−16 45.3	+ 5.7	58.9	18 42.3	2.33	13 59	1.8	23 31	2.9
18	21 23 37	144	−13 58.2	+ 8.1	58.5	19 37.0	2.23	14 40	1.6	— —	—
19	22 20 3	138	−10 22.8	+ 9.8	58.1	20 29.3	2.14	15 14	1.3	0 42	3.0
20	23 14 19	133	− 6 15.3	+10.8	57.7	21 19.5	2.05	15 44	1.2	1 53	3.0
21	0 6 53	130	− 1 51.3	+11.1	57.2	22 8.0	1.99	16 11	1.1	3 5	3.0
22	0 58 19	128	+ 2 34.3	+10.9	56.7	22 55.4	1.96	16 37	1.1	4 15	2.9
23	1 49 10	127	+ 6 47.8	+10.1	56.1	23 42.2	1.95	17 3	1.1	5 25	2.9
24	— — —	—	— —	—	—	— —	—	17 30	1.2	6 33	2.8
25	2 39 54	127	+10 37.3	+ 8.9	55.6	0 28.8	1.95	17 59	1.3	7 38	2.7
26	3 30 50	128	+13 52.6	+ 7.3	55.1	1 15.7	1.96	18 31	1.4	8 42	2.6
27	4 22 7	129	+16 25.3	+ 5.4	54.7	2 2.9	1.97	19 7	1.6	9 43	2.4
28	5 13 44	129	+18 9.4	+ 3.3	54.4	2 50.4	1.99	19 48	1.8	10 39	2.2
29	6 5 30	129	+19 1.2	+ 1.0	54.2	3 38.1	1.99	20 34	2.0	11 30	2.0
30	6 57 13	129	+18 59.0	− 1.2	54.2	4 25.8	1.98	21 25	2.2	12 16	1.8
31	7 48 38	128	+18 3.5	− 3.4	54.3	5 13.1	1.97	22 21	2.4	12 56	1.6
Nov. 1	8 39 39	127	+16 16.9	− 5.5	54.6	6 0.1	1.95	23 21	2.6	13 31	1.4
2	9 30 20	126	+13 42.9	− 7.3	55.1	6 46.7	1.94	— —	—	14 3	1.2
3	10 20 52	127	+10 26.6	− 9.0	55.8	7 33.2	1.94	0 25	2.7	14 31	1.2
4	11 11 42	128	+ 6 34.3	−10.3	56.6	8 19.9	1.96	1 31	2.8	14 58	1.1
5	12 3 20	131	+ 2 14.7	−11.2	57.5	9 7.5	2.01	2 40	2.9	15 24	1.1
6	12 56 27	135	− 2 21.2	−11.6	58.4	9 56.5	2.08	3 51	3.0	15 51	1.2
7	13 51 41	141	− 6 58.2	−11.3	59.2	10 47.7	2.18	5 5	3.1	16 20	1.3
8	14 49 34	148	−11 17.8	−10.2	59.9	11 41.5	2.30	6 21	3.2	16 53	1.5
9	15 50 19	155	−14 58.5	− 8.1	60.3	12 38.1	2.42	7 39	3.2	17 31	1.7
10	16 53 34	161	−17 38.9	− 5.2	60.5	13 37.3	2.50	8 54	3.0	18 16	2.1
11	17 58 17	162	−19 2.5	− 1.7	60.4	14 37.9	2.53	10 4	2.8	19 10	2.4
12	19 2 56	160	−19 1.7	+ 1.8	60.0	15 38.4	2.50	11 6	2.4	20 12	2.7
13	20 6 0	155	−17 39.7	+ 5.0	59.5	16 37.4	2.40	11 59	2.0	21 20	2.9
14	21 6 24	147	−15 8.4	+ 7.5	58.9	17 33.7	2.28	12 42	1.7	22 32	3.0
15	22 3 47	140	−11 44.3	+ 9.4	58.3	18 27.0	2.16	13 18	1.4	23 44	3.0
16	22 58 21	133	− 7 44.5	+10.5	57.7	19 17.4	2.05	13 49	1.2	— —	—
17	23 50 42	129	− 3 25.2	+11.0	57.1	20 5.7	1.98	14 16	1.1	0 55	2.9
18	0 41 32	126	+ 0 59.5	+11.0	56.5	20 52.5	1.93	14 42	1.0	2 5	2.9
19	1 31 37	125	+ 5 16.9	+10.4	56.0	21 38.5	1.91	15 7	1.1	3 14	2.8
20	2 21 32	125	+ 9 15.7	+ 9.4	55.5	22 24.4	1.92	15 33	1.1	4 21	2.8
21	3 11 47	126	+12 45.6	+ 8.0	55.1	23 10.5	1.93	16 0	1.2	5 27	2.7
22	4 2 37	128	+15 37.3	+ 6.2	54.7	23 57.3	1.96	16 30	1.3	6 31	2.6
23	— — —	—	— —	—	—	— —	—	17 4	1.5	7 33	2.5
24	4 54 3	129	+17 43.3	+ 4.2	54.4	0 44.6	1.98	17 43	1.7	8 31	2.3

Mond 1942

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite	Alter
1942	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°	d
Nov. 24	4 52 30	50 10	+17 40.2	1 14.7	54 24.0	13.2	14 50.9	3.6	73.884	−4.835	15.4
25	5 42 40	50 15	+18 54.9	0 24.0	54 10.8	7.5	14 47.3	2.1	85.888	−4.468	16.4
26	6 32 55	50 0	+19 18.9	0 27.0	54 3.3	0.7	14 45.2	0.2	97.781	−3.908	17.4
27	7 22 55	49 29	+18 51.9	1 16.3	54 2.6	7.3	14 45.0	2.0	109.601	−3.180	18.4
28	8 12 24	48 51	+17 35.6	2 2.2	54 9.9	16.3	14 47.0	4.4	121.400	−2.315	19.4
29	9 1 15	48 18	+15 33.4	2 43.4	54 26.2	25.9	14 51.4	7.1	133.245	−1.345	20.4
30	9 49 33	48 0	+12 50.0	3 19.4	54 52.1	35.7	14 58.5	9.7	145.215	−0.304	21.4
Dez. 1	10 37 33	48 10	+ 9 30.6	3 49.0	55 27.8	44.7	15 8.2	12.2	157.398	+0.770	22.4
2	11 25 43	48 56	+ 5 41.6	4 11.3	56 12.5	52.3	15 20.4	14.3	169.885	+1.834	23.4
3	12 14 39	50 25	+ 1 30.3	4 24.1	57 4.8	57.0	15 34.7	15.5	182.763	+2.838	24.4
4	13 5 4	52 36	− 2 53.8	4 24.5	58 1.8	57.7	15 50.2	15.7	196.100	+3.723	25.4
5	13 57 40	55 27	− 7 18.3	4 9.3	58 59.5	53.2	16 5.9	14.5	209.937	+4.426	26.4
6	14 53 7	58 38	−11 27.6	3 34.6	59 52.7	43.1	16 20.4	11.7	224.267	+4.879	27.4
7	15 51 45	61 36	−15 2.2	2 39.7	60 35.8	27.9	16 32.1	7.6	239.026	+5.025	28.4
8	16 53 21	63 41	−17 41.9	1 27.1	61 3.7	9.3	16 39.7	2.6	254.091	+4.830	29.4
9	17 57 2	64 11	−19 9.0	0 4.5	61 13.0	9.9	16 42.3	2.7	269.296	+4.293	0.9
10	19 1 13	63 0	−19 13.5	1 16.9	61 3.1	27.0	16 39.6	7.4	284.460	+3.454	1.9
11	20 4 13	60 27	−17 56.6	2 27.3	60 36.1	39.9	16 32.2	10.8	299.418	+2.385	2.9
12	21 4 40	57 15	−15 29.3	3 20.8	59 56.2	47.7	16 21.4	13.1	314.050	+1.178	3.9
13	22 1 55	54 7	−12 8.5	3 56.0	59 8.5	50.7	16 8.3	13.8	328.290	−0.075	4.9
14	22 56 2	51 29	− 8 12.5	4 14.6	58 17.8	49.6	15 54.5	13.5	342.120	−1.290	5.9
15	23 47 31	49 34	− 3 57.9	4 19.0	57 28.2	45.8	15 41.0	12.5	355.561	−2.399	6.9
16	0 37 5	48 25	+ 0 21.1	4 12.1	56 42.4	40.5	15 28.5	11.0	8.657	−3.352	7.9
17	1 25 30	47 57	+ 4 33.2	3 55.2	56 1.9	34.4	15 17.5	9.3	21.459	−4.113	8.9
18	2 13 27	48 4	+ 8 28.4	3 29.8	55 27.5	28.3	15 8.2	7.8	34.021	−4.659	9.9
19	3 1 31	48 33	+11 58.2	2 56.5	54 59.2	22.5	15 0.4	6.1	46.389	−4.977	10.9
20	3 50 4	49 14	+14 54.7	2 16.3	54 36.7	17.2	14 54.3	4.7	58.601	−5.062	11.9
21	4 39 18	49 50	+17 11.0	1 30.5	54 19.5	12.3	14 49.6	3.3	70.687	−4.918	12.9
22	5 29 8	50 13	+18 41.5	0 40.6	54 7.2	7.2	14 46.3	2.0	82.671	−4.557	13.9
23	6 19 21	50 11	+19 22.1	0 10.6	54 0.0	2.5	14 44.3	0.7	94.573	−3.999	14.9
24	7 9 32	49 48	+19 11.5	1 1.2	53 57.5	3.1	14 43.6	0.9	106.418	−3.268	15.9
25	7 59 20	49 6	+18 10.3	1 48.4	54 0.6	9.2	14 44.5	2.5	118.233	−2.395	16.9
26	8 48 26	48 18	+16 21.9	2 30.8	54 9.8	16.1	14 47.0	4.4	130.056	−1.416	17.9
27	9 36 44	47 37	+13 51.1	3 7.3	54 25.9	23.7	14 51.4	6.4	141.936	−0.368	18.9
28	10 24 21	47 18	+10 43.8	3 37.0	54 49.6	32.0	14 57.8	8.7	153.931	+0.709	19.9
29	11 11 39	47 29	+ 7 6.8	3 59.6	55 21.6	40.2	15 6.5	11.0	166.112	+1.772	20.9
30	11 59 8	48 20	+ 3 7.2	4 13.9	56 1.8	48.1	15 17.5	13.1	178.558	+2.776	21.9
31	12 47 28	49 59	− 1 6.7	4 18.4	56 49.9	54.1	15 30.6	14.7	191.348	+3.671	22.9
32	13 37 27		− 5 25.1		57 44.0		15 45.3		204.554	+4.401	23.9

Tag	Obere Kulmination in Greenwich							0ʰ Länge, + 50° Breite			
	AR.	Änderung für 1ʰ westl. Länge	Dekl.	Änderung für 1ʰ westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1ʰ westl. Länge	Aufgang	Änderung für 1ʰ westl. Länge	Untergang	Änderung für 1ʰ westl. Länge
1942	h m s	s	° '	'	'	h m	m	h m	m	h m	m
Nov. 24	4 54 3	129	+17 43.3	+ 4.2	54.4	0 44.6	1.98	17 43	1.7	8 31	2.3
25	5 45 53	130	+18 58.0	+ 2.0	54.2	1 32.4	2.00	18 27	1.9	9 25	2.1
26	6 37 48	130	+19 18.5	− 0.3	54.0	2 20.3	1.99	19 16	2.2	10 13	1.9
27	7 29 24	128	+18 44.7	− 2.5	54.1	3 7.8	1.97	20 11	2.3	10 55	1.7
28	8 20 25	127	+17 18.7	− 4.6	54.2	3 54.7	1.94	21 9	2.5	11 32	1.4
29	9 10 43	125	+15 4.6	− 6.5	54.5	4 41.0	1.92	22 10	2.6	12 5	1.3
30	10 0 27	124	+12 7.7	− 8.2	55.0	5 26.6	1.89	23 13	2.7	12 34	1.2
Dez. 1	10 49 57	124	+ 8 34.0	− 9.6	55.6	6 12.1	1.90	— —	—	13 0	1.1
2	11 39 48	126	+ 4 30.6	−10.7	56.5	6 57.9	1.93	0 19	2.8	13 26	1.1
3	12 30 43	129	+ 0 6.0	−11.3	57.4	7 44.7	1.99	1 28	2.9	13 51	1.1
4	13 23 32	135	− 4 28.8	−11.5	58.4	8 33.4	2.08	2 39	3.0	14 18	1.2
5	14 19 3	143	− 8 58.9	−10.9	59.4	9 24.9	2.21	3 53	3.1	14 48	1.3
6	15 17 57	152	−13 5.4	− 9.5	60.2	10 19.7	2.36	5 10	3.2	15 22	1.5
7	16 20 25	160	−16 25.5	− 7.0	60.9	11 18.0	2.50	6 27	3.2	16 3	1.9
8	17 25 53	166	−18 36.5	− 3.8	61.2	12 19.4	2.60	7 42	3.0	16 54	2.3
9	18 32 50	168	−19 21.9	0.0	61.2	13 22.2	2.62	8 51	2.7	17 53	2.7
10	19 39 17	164	−18 36.6	+ 3.7	60.8	14 24.6	2.55	9 51	2.3	19 1	2.9
11	20 43 22	156	−16 29.1	+ 6.8	60.2	15 24.5	2.43	10 40	1.9	20 15	3.1
12	21 44 2	147	−13 17.2	+ 9.1	59.4	16 21.1	2.28	11 20	1.5	21 30	3.1
13	22 41 5	138	− 9 21.6	+10.4	58.5	17 14.1	2.14	11 54	1.3	22 44	3.0
14	23 35 0	132	− 5 1.8	+11.1	57.7	18 3.9	2.03	12 22	1.1	23 55	2.9
15	0 26 35	127	− 0 34.2	+11.1	56.9	18 51.4	1.95	12 48	1.1	— —	—
16	1 16 43	124	+ 3 48.2	+10.7	56.1	19 37.5	1.90	13 13	1.0	1 5	2.9
17	2 6 13	124	+ 7 54.3	+ 9.7	55.5	20 22.9	1.89	13 38	1.1	2 13	2.8
18	2 55 46	125	+11 34.8	+ 8.5	55.0	21 8.4	1.90	14 4	1.1	3 18	2.7
19	3 45 48	126	+14 40.8	+ 6.9	54.6	21 54.4	1.93	14 33	1.3	4 23	2.6
20	4 36 35	128	+17 4.7	+ 5.0	54.3	22 41.1	1.96	15 5	1.4	5 25	2.5
21	5 28 3	129	+18 40.0	+ 2.9	54.1	23 28.5	1.98	15 41	1.6	6 24	2.4
22	— — —	—	— —	—	—	— —	—	16 24	1.9	7 20	2.2
23	6 19 55	130	+19 22.3	+ 0.6	54.0	0 16.3	2.00	17 11	2.1	8 10	2.0
24	7 11 46	129	+19 9.8	− 1.7	54.0	1 4.0	1.98	18 3	2.3	8 55	1.7
25	8 3 9	128	+18 3.6	− 3.8	54.0	1 51.3	1.95	19 0	2.4	9 34	1.5
26	8 53 46	125	+16 7.3	− 5.8	54.2	2 37.9	1.92	20 0	2.5	10 8	1.3
27	9 43 30	123	+13 26.7	− 7.5	54.5	3 23.6	1.89	21 2	2.6	10 38	1.2
28	10 32 32	122	+10 8.3	− 9.0	54.9	4 8.5	1.87	22 6	2.7	11 5	1.1
29	11 21 17	122	+ 6 19.6	−10.1	55.5	4 53.2	1.86	23 11	2.8	11 30	1.0
30	12 10 23	124	+ 2 8.6	−10.8	56.2	5 38.2	1.90	— —	—	11 54	1.0
31	13 0 37	128	− 2 15.7	−11.1	57.1	6 24.4	1.96	0 19	2.9	12 19	1.1
32	13 52 54	134	− 6 41.9	−11.0	58.0	7 12.6	2.07	1 29	2.9	12 46	1.2

Phasen des Mondes

1942		Welt-Zeit h	m		1942		Welt-Zeit h	m	
Jan.	2	15	42	Vollmond	Juli	5	8	58	Letztes Viertel
	10	6	5	Letztes Viertel		13	12	3	Neumond
	16	21	32	Neumond		21	5	13	Erstes Viertel
	24	6	35	Erstes Viertel		27	19	14	Vollmond
Febr.	1	9	12	Vollmond	Aug.	3	23	4	Letztes Viertel
	8	14	52	Letztes Viertel		12	2	28	Neumond
	15	10	2	Neumond		19	11	30	Erstes Viertel
	23	3	40	Erstes Viertel		26	3	46	Vollmond
März	3	0	20	Vollmond	Sept.	2	15	42	Letztes Viertel
	9	22	0	Letztes Viertel		10	15	53	Neumond
	16	23	50	Neumond		17	16	56	Erstes Viertel
	25	0	1	Erstes Viertel		24	14	34	Vollmond
April	1	12	32	Vollmond	Okt.	2	10	27	Letztes Viertel
	8	4	43	Letztes Viertel		10	4	6	Neumond
	15	14	33	Neumond		16	22	58	Erstes Viertel
	23	18	10	Erstes Viertel		24	4	5	Vollmond
	30	21	59	Vollmond	Nov.	1	6	18	Letztes Viertel
Mai	7	12	13	Letztes Viertel		8	15	19	Neumond
	15	5	45	Neumond		15	6	56	Erstes Viertel
	23	9	11	Erstes Viertel		22	20	24	Vollmond
	30	5	29	Vollmond	Dez.	1	1	37	Letztes Viertel
Juni	5	21	26	Letztes Viertel		8	1	59	Neumond
	13	21	2	Neumond		14	17	47	Erstes Viertel
	21	20	44	Erstes Viertel		22	15	3	Vollmond
	28	12	9	Vollmond		30	18	37	Letztes Viertel

Mond in Erdnähe

1942		Welt-Zeit h
Jan.	14	22
Febr.	11	12
März	8	11
April	4	6
Mai	2	7
Mai	30	16
Juni	28	1
Juli	26	9
Aug.	23	9
Sept.	19	3
Okt.	14	5
Nov.	10	17
Dez.	9	0

Mond in Erdferne

1942		Welt-Zeit h
Jan.	26	17
Febr.	23	14
März	23	10
April	20	4
Mai	17	15
Juni	13	19
Juli	11	0
Aug.	7	13
Sept.	4	6
Okt.	2	1
Okt.	29	21
Nov.	26	14
Dez.	23	23

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Jan. 0	19 2 30.61	7 7.25	−24 42 45.2	9 3.1	1.408 278	7 334	12 28.1
1	19 9 37.86	7 7.17	24 33 42.1	10 35.9	1.400 944	8 012	12 31.2
2	19 16 45.03	7 6.85	24 23 6.2	12 9.2	1.392 932	8 709	12 34.4
3	19 23 51.88	7 6.29	24 10 57.0	13 43.0	1.384 223	9 423	12 37.6
4	19 30 58.17	7 5.44	23 57 14.0	15 17.1	1.374 800	10 159	12 40.8
5	19 38 3.61	7 4.28	23 41 56.9	16 51.4	1.364 641	10 916	12 43.9
6	19 45 7.89	7 2.77	−23 25 5.5	18 25.5	1.353 725	11 695	12 47.0
7	19 52 10.66	7 0.88	23 6 40.0	19 59.4	1.342 030	12 498	12 50.1
8	19 59 11.54	6 58.56	22 46 40.6	21 32.5	1.329 532	13 325	12 53.2
9	20 6 10.10	6 55.77	22 25 8.1	23 4.6	1.316 207	14 176	12 56.2
10	20 13 5.87	6 52.42	22 2 3.5	24 35.2	1.302 031	15 051	12 59.2
11	20 19 58.29	6 48.45	21 37 28.3	26 3.9	1.286 980	15 950	13 2.1
12	20 26 46.74	6 43.80	−21 11 24.4	27 30.0	1.271 030	16 871	13 4.9
13	20 33 30.54	6 38.35	20 43 54.4	28 53.0	1.254 159	17 811	13 7.6
14	20 40 8.89	6 31.99	20 15 1.4	30 11.6	1.236 348	18 768	13 10.3
15	20 46 40.88	6 24.62	19 44 49.8	31 25.4	1.217 580	19 735	13 12.8
16	20 53 5.50	6 16.08	19 13 24.4	32 32.9	1.197 845	20 707	13 15.2
17	20 59 21.58	6 6.22	18 40 51.5	33 33.1	1.177 138	21 676	13 17.4
18	21 5 27.80	5 54.88	−18 7 18.4	34 24.3	1.155 462	22 632	13 19.5
19	21 11 22.68	5 41.87	17 32 54.1	35 5.1	1.132 830	23 560	13 21.4
20	21 17 4.55	5 26.98	16 57 49.0	35 33.7	1.109 270	24 447	13 23.0
21	21 22 31.53	5 10.01	16 22 15.3	35 48.0	1.084 823	25 274	13 24.4
22	21 27 41.54	4 50.77	15 46 27.3	35 46.1	1.059 549	26 022	13 25.4
23	21 32 32.31	4 29.05	15 10 41.2	35 25.8	1.033 527	26 665	13 26.1
24	21 37 1.36	4 4.69	−14 35 15.4	34 45.0	1.006 862	27 181	13 26.4
25	21 41 6.05	3 37.54	14 0 30.4	33 41.7	0.979 681	27 544	13 26.3
26	21 44 43.59	3 7.55	13 26 48.7	32 14.1	0.952 137	27 724	13 25.7
27	21 47 51.14	2 34.70	12 54 34.6	30 21.0	0.924 413	27 699	13 24.6
28	21 50 25.84	1 59.13	12 24 13.6	28 1.2	0.896 714	27 443	13 22.9
29	21 52 24.97	1 21.08	11 56 12.4	25 14.8	0.869 271	26 936	13 20.6
30	21 53 46.05	0 40.95	−11 30 57.6	22 2.8	0.842 335	26 166	13 17.7
31	21 54 27.00	0 0.66	11 8 54.8	18 27.0	0.816 169	25 121	13 14.0
Febr. 1	21 54 26.34	0 42.99	10 50 27.8	14 30.6	0.791 048	23 803	13 9.7
2	21 53 43.35	1 25.09	10 35 57.2	10 18.1	0.767 245	22 219	13 4.7
3	21 52 18.26	2 5.87	10 25 39.1	5 55.3	0.745 026	20 387	12 59.0
4	21 50 12.39	2 44.08	10 19 43.8	1 28.8	0.724 639	18 333	12 52.6
5	21 47 28.31	3 18.49	−10 18 15.0	2 53.2	0.706 306	16 091	12 45.6
6	21 44 9.82	3 47.87	10 21 8.2	7 3.2	0.690 215	13 704	12 38.2
7	21 40 21.95	4 11.17	10 28 11.4	10 53.2	0.676 511	11 219	12 30.3
8	21 36 10.78	4 27.58	10 39 4.6	14 16.5	0.665 292	8 685	12 22.0
9	21 31 43.20	4 36.62	10 53 21.1	17 8.0	0.656 607	6 154	12 13.6
10	21 27 6.58		−11 10 29.1		0.650 453		12 5.0

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Febr. 10	21 27 6.58	4 38.18	−11 10 29.1	19 23.8	0.650 453	3 674	12 5.0
11	21 22 28.40	4 32.55	11 29 52.9	21 2.9	0.646 779	1 289	11 56.5
12	21 17 55.85	4 20.33	11 50 55.8	22 6.1	0.645 490	968	11 48.2
13	21 13 35.52	4 2.42	12 13 1.9	22 35.4	0.646 458	3 065	11 40.1
14	21 9 33.10	3 39.80	12 35 37.3	22 34.7	0.649 523	4 985	11 32.3
15	21 5 53.30	3 13.63	12 58 12.0	22 8.1	0.654 508	6 719	11 24.9
16	21 2 39.67	2 44.93	−13 20 20.1	21 20.1	0.661 227	8 259	11 18.0
17	20 59 54.74	2 14.71	13 41 40.2	20 14.9	0.669 486	9 614	11 11.6
18	20 57 40.03	1 43.82	14 1 55.1	18 56.8	0.679 100	10 788	11 5.7
19	20 55 56.21	1 12.95	14 20 51.9	17 28.9	0.689 888	11 792	11 0.3
20	20 54 43.26	0 42.68	14 38 20.8	15 54.1	0.701 680	12 641	10 55.4
21	20 54 0.58	0 13.41	14 54 14.9	14 14.7	0.714 321	13 349	10 51.0
22	20 53 47.17	0 14.58	−15 8 29.6	12 32.3	0.727 670	13 929	10 47.0
23	20 54 1.75	0 41.08	15 21 1.9	10 48.5	0.741 599	14 397	10 43.5
24	20 54 42.83	1 6.01	15 31 50.4	9 4.1	0.755 996	14 765	10 40.5
25	20 55 48.84	1 29.30	15 40 54.5	7 20.0	0.770 761	15 046	10 37.8
26	20 57 18.14	1 50.98	15 48 14.5	5 36.4	0.785 807	15 253	10 35.5
27	20 59 9.12	2 11.09	15 53 50.9	3 53.9	0.801 060	15 393	10 33.6
28	21 1 20.21	2 29.69	−15 57 44.8	2 12.7	0.816 453	15 478	10 31.9
März 1	21 3 49.90	2 46.84	15 59 57.5	0 32.7	0.831 931	15 514	10 30.6
2	21 6 36.74	3 2.65	16 0 30.2	1 5.6	0.847 445	15 510	10 29.6
3	21 9 39.39	3 17.21	15 59 24.6	2 42.7	0.862 955	15 471	10 28.8
4	21 12 56.60	3 30.62	15 56 41.9	4 18.2	0.878 426	15 401	10 28.2
5	21 16 27.22	3 42.95	15 52 23.7	5 52.4	0.893 827	15 308	10 27.9
6	21 20 10.17	3 54.29	−15 46 31.3	7 24.9	0.909 135	15 193	10 27.8
7	21 24 4.46	4 4.73	15 39 6.4	8 56.3	0.924 328	15 061	10 27.8
8	21 28 9.19	4 14.35	15 30 10.1	10 26.3	0.939 389	14 913	10 28.0
9	21 32 23.54	4 23.21	15 19 43.8	11 55.0	0.954 302	14 754	10 28.4
10	21 36 46.75	4 31.39	15 7 48.8	13 22.4	0.969 056	14 584	10 28.9
11	21 41 18.14	4 38.96	14 54 26.4	14 48.8	0.983 640	14 407	10 29.5
12	21 45 57.10	4 45.95	−14 39 37.6	16 13.8	0.998 047	14 222	10 30.3
13	21 50 43.05	4 52.45	14 23 23.8	17 37.8	1.012 269	14 032	10 31.1
14	21 55 35.50	4 58.49	14 5 46.0	19 0.8	1.026 301	13 838	10 32.1
15	22 0 33.99	5 4.12	13 46 45.2	20 22.6	1.040 139	13 639	10 33.2
16	22 5 38.11	5 9.40	13 26 22.6	21 43.6	1.053 778	13 437	10 34.4
17	22 10 47.51	5 14.35	13 4 39.0	23 3.5	1.067 215	13 232	10 35.6
18	22 16 1.86	5 19.03	−12 41 35.5	24 22.4	1.080 447	13 025	10 36.9
19	22 21 20.89	5 23.45	12 17 13.1	25 40.5	1.093 472	12 815	10 38.3
20	22 26 44.34	5 27.68	11 51 32.6	26 57.7	1.106 287	12 602	10 39.8
21	22 32 12.02	5 31.72	11 24 34.9	28 14.0	1.118 889	12 386	10 41.4
22	22 37 43.74	5 35.62	10 56 20.9	29 29.4	1.131 275	12 166	10 43.0
23	22 43 19.36		−10 26 51.5		1.143 441		10 44.7

Tag		0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: Δ		Obere Kulmination in Greenwich
1942		h m s	m s	° ′ ″	′ ″			h m
März	23	22 43 19.36	5 39.40	−10 26 51.5	30 44.0	1.143 441	11 942	10 44.7
	24	22 48 58.76	5 43.09	9 56 7.5	31 57.9	1.155 383	11 713	10 46.4
	25	22 54 41.85	5 46.72	9 24 9.6	33 10.8	1.167 096	11 478	10 48.2
	26	23 0 28.57	5 50.30	8 50 58.8	34 22.8	1.178 574	11 236	10 50.1
	27	23 6 18.87	5 53.87	8 16 36.0	35 34.1	1.189 810	10 986	10 52.0
	28	23 12 12.74	5 57.45	7 41 1.9	36 44.5	1.200 796	10 727	10 54.0
	29	23 18 10.19	6 1.05	− 7 4 17.4	37 54.0	1.211 523	10 456	10 56.1
	30	23 24 11.24	6 4.71	6 26 23.4	39 2.6	1.221 979	10 173	10 58.2
	31	23 30 15.95	6 8.44	5 47 20.8	40 10.1	1.232 152	9 874	11 0.3
April	1	23 36 24.39	6 12.24	5 7 10.7	41 16.8	1.242 026	9 558	11 2.6
	2	23 42 36.63	6 16.17	4 25 53.9	42 22.3	1.251 584	9 223	11 4.9
	3	23 48 52.80	6 20.20	3 43 31.6	43 26.5	1.260 807	8 866	11 7.2
	4	23 55 13.00	6 24.39	− 3 0 5.1	44 29.4	1.269 673	8 483	11 9.6
	5	0 1 37.39	6 28.72	2 15 35.7	45 30.9	1.278 156	8 071	11 12.1
	6	0 8 6.11	6 33.21	1 30 4.8	46 30.7	1.286 227	7 629	11 14.7
	7	0 14 39.32	6 37.89	− 0 43 34.1	47 28.7	1.293 856	7 150	11 17.4
	8	0 21 17.21	6 42.73	+ 0 3 54.6	48 24.4	1.301 006	6 633	11 20.1
	9	0 27 59.94	6 47.75	0 52 19.0	49 17.8	1.307 639	6 072	11 22.9
	10	0 34 47.69	6 52.97	+ 1 41 36.8	50 8.4	1.313 711	5 464	11 25.8
	11	0 41 40.66	6 58.36	2 31 45.2	50 55.8	1.319 175	4 804	11 28.8
	12	0 48 39.02	7 3.91	3 22 41.0	51 39.6	1.323 979	4 090	11 31.9
	13	0 55 42.93	7 9.62	4 14 20.6	52 19.3	1.328 069	3 315	11 35.1
	14	1 2 52.55	7 15.44	5 6 39.9	52 54.0	1.331 384	2 477	11 38.3
	15	1 10 7.99	7 21.35	5 59 33.9	53 23.4	1.333 861	1 573	11 41.7
	16	1 17 29.34	7 27.32	+ 6 52 57.3	53 46.6	1.335 434	601	11 45.2
	17	1 24 56.66	7 33.25	7 46 43.9	54 2.7	1.336 035	441	11 48.8
	18	1 32 29.91	7 39.11	8 40 46.6	54 10.8	1.335 594	1 552	11 52.4
	19	1 40 9.02	7 44.78	9 34 57.4	54 10.4	1.334 042	2 731	11 56.2
	20	1 47 53.80	7 50.20	10 29 7.8	54 0.2	1.331 311	3 973	12 0.0
	21	1 55 44.00	7 55.24	11 23 8.0	53 39.4	1.327 338	5 270	12 4.0
	22	2 3 39.24	7 59.79	+12 16 47.4	53 7.5	1.322 068	6 615	12 8.0
	23	2 11 39.03	8 3.72	13 9 54.9	52 23.6	1.315 453	7 994	12 12.1
	24	2 19 42.75	8 6.91	14 2 18.5	51 27.4	1.307 459	9 394	12 16.3
	25	2 27 49.66	8 9.24	14 53 45.9	50 18.4	1.298 065	10 798	12 20.5
	26	2 35 58.90	8 10.59	15 44 4.3	48 57.1	1.287 267	12 187	12 24.7
	27	2 44 9.49	8 10.88	16 33 1.4	47 23.5	1.275 080	13 543	12 29.0
	28	2 52 20.37	8 10.02	+17 20 24.9	45 38.3	1.261 537	14 846	12 33.2
	29	3 0 30.39	8 7.96	18 6 3.2	43 42.5	1.246 691	16 080	12 37.4
	30	3 8 38.35	8 4.67	18 49 45.7	41 37.4	1.230 611	17 228	12 41.6
Mai	1	3 16 43.02	8 0.14	19 31 23.1	39 24.1	1.213 383	18 275	12 45.7
	2	3 24 43.16	7 54.42	20 10 47.2	37 4.2	1.195 108	19 214	12 49.7
	3	3 32 37.58		+20 47 51.4		1.175 894		12 53.7

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		0ʰ Welt-Zeit: Scheinbare Deklination		0ʰ Welt-Zeit: Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Mai 3	3 32 37.58	7 47.50	+20 47 51.4	34 39.2	1.175 894	20 036	12 53.7
4	3 40 25.08	7 39.48	21 22 30.6	32 10.8	1.155 858	20 738	12 57.5
5	3 48 4.56	7 30.41	21 54 41.4	29 40.3	1.135 120	21 322	13 1.1
6	3 55 34.97	7 20.34	22 24 21.7	27 9.1	1.113 798	21 786	13 4.6
7	4 2 55.31	7 9.37	22 51 30.8	24 38.4	1.092 012	22 138	13 7.9
8	4 10 4.68	6 57.55	23 16 9.2	22 9.3	1.069 874	22 383	13 11.0
9	4 17 2.23	6 44.97	+23 38 18.5	19 42.6	1.047 491	22 527	13 13.9
10	4 23 47.20	6 31.66	23 58 1.1	17 19.1	1.024 964	22 579	13 16.6
11	4 30 18.86	6 17.68	24 15 20.2	14 59.3	1.002 385	22 546	13 19.1
12	4 36 36.54	6 3.10	24 30 19.5	12 43.7	0.979 839	22 437	13 21.3
13	4 42 39.64	5 47.92	24 43 3.2	10 32.5	0.957 402	22 257	13 23.3
14	4 48 27.56	5 32.19	24 53 35.7	8 26.2	0.935 145	22 016	13 25.0
15	4 53 59.75	5 15.94	+25 2 1.9	6 24.6	0.913 129	21 718	13 26.4
16	4 59 15.69	4 59.19	25 8 26.5	4 27.9	0.891 411	21 369	13 27.6
17	5 4 14.88	4 41.94	25 12 54.4	2 36.1	0.870 042	20 973	13 28.5
18	5 8 56.82	4 24.24	25 15 30.5	0 49.3	0.849 069	20 535	13 29.1
19	5 13 21.06	4 6.08	25 16 19.8	0 52.8	0.828 534	20 059	13 29.4
20	5 17 27.14	3 47.47	25 15 27.0	2 30.0	0.808 475	19 547	13 29.3
21	5 21 14.61	3 28.45	+25 12 57.0	4 2.8	0.788 928	19 001	13 29.0
22	5 24 43.06	3 9.04	25 8 54.2	5 30.8	0.769 927	18 423	13 28.4
23	5 27 52.10	2 49.26	25 3 23.4	6 54.5	0.751 504	17 814	13 27.4
24	5 30 41.36	2 29.18	24 56 28.9	8 13.8	0.733 690	17 173	13 26.1
25	5 33 10.54	2 8.80	24 48 15.1	9 28.9	0.716 517	16 504	13 24.4
26	5 35 19.34	1 48.23	24 38 46.2	10 39.5	0.700 013	15 804	13 22.4
27	5 37 7.57	1 27.53	+24 28 6.7	11 46.1	0.684 209	15 074	13 20.1
28	5 38 35.10	1 6.80	24 16 20.6	12 48.4	0.669 135	14 313	13 17.4
29	5 39 41.90	0 46.14	24 3 32.2	13 46.1	0.654 822	13 523	13 14.4
30	5 40 28.04	0 25.69	23 49 46.1	14 39.3	0.641 299	12 700	13 11.1
31	5 40 53.73	0 5.60	23 35 6.8	15 27.7	0.628 599	11 847	13 7.4
Juni 1	5 40 59.33	0 13.95	23 19 39.1	16 10.9	0.616 752	10 963	13 3.4
2	5 40 45.38	0 32.81	+23 3 28.2	16 48.8	0.605 789	10 048	12 59.1
3	5 40 12.57	0 50.76	22 46 39.4	17 20.5	0.595 741	9 102	12 54.4
4	5 39 21.81	1 7.61	22 29 18.9	17 45.8	0.586 639	8 127	12 49.5
5	5 38 14.20	1 23.13	22 11 33.1	18 4.1	0.578 512	7 124	12 44.3
6	5 36 51.07	1 37.13	21 53 29.0	18 14.7	0.571 388	6 096	12 38.9
7	5 35 13.94	1 49.40	21 35 14.3	18 17.1	0.565 292	5 042	12 33.2
8	5 33 24.54	1 59.75	+21 16 57.2	18 10.6	0.560 250	3 968	12 27.4
9	5 31 24.79	2 8.03	20 58 46.6	17 54.9	0.556 282	2 876	12 21.4
10	5 29 16.76	2 14.09	20 40 51.7	17 29.5	0.553 406	1 770	12 15.3
11	5 27 2.67	2 17.85	20 23 22.2	16 54.2	0.551 636	653	12 9.1
12	5 24 44.82	2 19.25	20 6 28.0	16 9.1	0.550 983	469	12 2.9
13	5 22 25.57		+19 50 18.9		0.551 452		11 56.6

Tag	0ʰ Welt-Zeit						Obere Kulmination in Greenwich
	Scheinbare Rektaszension		Scheinbare Deklination		Δ		
1942	h m s	m s	° ′ ″	′ ″			h m
Juni 13	5 22 25.57	2 18.29	+19 50 18.9	15 14.2	0.551 452	1 593	11 56.6
14	5 20 7.28	2 14.99	19 35 4.7	14 10.0	0.553 045	2 714	11 50.4
15	5 17 52.29	2 9.43	19 20 54.7	12 57.2	0.555 759	3 828	11 44.3
16	5 15 42.86	2 1.73	19 7 57.5	11 36.5	0.559 587	4 930	11 38.3
17	5 13 41.13	1 52.05	18 56 21.0	10 8.8	0.564 517	6 018	11 32.4
18	5 11 49.08	1 40.52	18 46 12.2	8 35.5	0.570 535	7 087	11 26.7
19	5 10 8.56	1 27.37	+18 37 36.7	6 57.7	0.577 622	8 135	11 21.2
20	5 8 41.19	1 12.77	18 30 39.0	5 16.7	0.585 757	9 159	11 15.9
21	5 7 28.42	0 56.93	18 25 22.3	3 33.8	0.594 916	10 158	11 10.9
22	5 6 31.49	0 40.03	18 21 48.5	1 50.2	0.605 074	11 130	11 6.2
23	5 5 51.46	0 22.25	18 19 58.3	0 7.4	0.616 204	12 073	11 1.7
24	5 5 29.21	0 3.77	18 19 50.9	1 33.8	0.628 277	12 988	10 57.6
25	5 5 25.44	0 15.26	+18 21 24.7	3 12.2	0.641 265	13 872	10 53.7
26	5 5 40.70	0 34.72	18 24 36.9	4 46.9	0.655 137	14 727	10 50.2
27	5 6 15.42	0 54.50	18 29 23.8	6 16.9	0.669 864	15 553	10 47.0
28	5 7 9.92	1 14.48	18 35 40.7	7 41.8	0.685 417	16 346	10 44.1
29	5 8 24.40	1 34.62	18 43 22.5	9 0.6	0.701 763	17 110	10 41.5
30	5 9 59.02	1 54.83	18 52 23.1	10 12.9	0.718 873	17 842	10 39.3
Juli 1	5 11 53.85	2 15.05	+19 2 36.0	11 18.1	0.736 715	18 541	10 37.4
2	5 14 8.90	2 35.27	19 13 54.1	12 15.8	0.755 256	19 206	10 35.9
3	5 16 44.17	2 55.46	19 26 9.9	13 5.7	0.774 462	19 838	10 34.7
4	5 19 39.63	3 15.59	19 39 15.6	13 47.2	0.794 300	20 433	10 33.8
5	5 22 55.22	3 35.65	19 53 2.8	14 20.0	0.814 733	20 987	10 33.3
6	5 26 30.87	3 55.64	20 7 22.8	14 43.9	0.835 720	21 501	10 33.1
7	5 30 26.51	4 15.54	+20 22 6.7	14 58.3	0.857 221	21 968	10 33.2
8	5 34 42.05	4 35.35	20 37 5.0	15 3.0	0.879 189	22 384	10 33.7
9	5 39 17.40	4 55.03	20 52 8.0	14 57.5	0.901 573	22 746	10 34.5
10	5 44 12.43	5 14.59	21 7 5.5	14 41.5	0.924 319	23 044	10 35.6
11	5 49 27.02	5 33.95	21 21 47.0	14 14.7	0.947 363	23 276	10 37.0
12	5 55 0.97	5 53.11	21 36 1.7	13 36.6	0.970 639	23 430	10 38.8
13	6 0 54.08	6 11.96	+21 49 38.3	12 47.0	0.994 069	23 502	10 40.9
14	6 7 6.04	6 30.44	22 2 25.3	11 45.5	1.017 571	23 482	10 43.3
15	6 13 36.48	6 48.46	22 14 10.8	10 32.0	1.041 053	23 361	10 46.0
16	6 20 24.94	7 5.86	22 24 42.8	9 6.7	1.064 414	23 134	10 49.0
17	6 27 30.80	7 22.55	22 33 49.5	7 29.2	1.087 548	22 792	10 52.3
18	6 34 53.35	7 38.35	22 41 18.7	5 40.1	1.110 340	22 328	10 55.9
19	6 42 31.70	7 53.09	+22 46 58.8	3 40.0	1.132 668	21 743	10 59.7
20	6 50 24.79	8 6.61	22 50 38.8	1 29.6	1.154 411	21 032	11 3.7
21	6 58 31.40	8 18.75	22 52 8.4	0 50.0	1.175 443	20 197	11 8.0
22	7 6 50.15	8 29.35	22 51 18.4	3 17.6	1.195 640	19 246	11 12.5
23	7 15 19.50	8 38.28	22 48 0.8	5 51.3	1.214 886	18 185	11 17.1
24	7 23 57.78		+22 42 9.5		1.233 071		11 21.9

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942		h m s	m s	° ′ ″	′ ″			h m
Juli	24	7 23 57.78	8 45.44	+22 42 9.5	8 29.6	1.233 071	17 026	11 21.9
	25	7 32 43.22	8 50.77	22 33 39.9	11 10.4	1.250 097	15 785	11 26.8
	26	7 41 33.99	8 54.27	22 22 29.5	13 51.7	1.265 882	14 478	11 31.7
	27	7 50 28.26	8 55.95	22 8 37.8	16 31.7	1.280 360	13 125	11 36.7
	28	7 59 24.21	8 55.88	21 52 6.1	19 8.5	1.293 485	11 743	11 41.7
	29	8 8 20.09	8 54.19	21 32 57.6	21 40.3	1.305 228	10 352	11 46.7
	30	8 17 14.28	8 51.01	+21 11 17.3	24 5.8	1.315 580	8 968	11 51.7
	31	8 26 5.29	8 46.51	20 47 11.5	26 23.8	1.324 548	7 609	11 56.6
Aug.	1	8 34 51.80	8 40.86	20 20 47.7	28 33.6	1.332 157	6 286	12 1.4
	2	8 43 32.66	8 34.24	19 52 14.1	30 34.3	1.338 443	5 010	12 6.1
	3	8 52 6.90	8 26.84	19 21 39.8	32 25.9	1.343 453	3 790	12 10.7
	4	9 0 33.74	8 18.82	18 49 13.9	34 8.0	1.347 243	2 630	12 15.1
	5	9 8 52.56	8 10.33	+18 15 5.9	35 40.9	1.349 873	1 535	12 19.4
	6	9 17 2.89	8 1.51	17 39 25.0	37 4.7	1.351 408	506	12 23.6
	7	9 25 4.40	7 52.50	17 2 20.3	38 19.6	1.351 914	459	12 27.6
	8	9 32 56.90	7 43.39	16 24 0.7	39 26.3	1.351 455	1 358	12 31.5
	9	9 40 40.29	7 34.25	15 44 34.4	40 25.1	1.350 097	2 197	12 35.2
	10	9 48 14.54	7 25.19	15 4 9.3	41 16.3	1.347 900	2 976	12 38.7
	11	9 55 39.73	7 16.22	+14 22 53.0	42 0.8	1.344 924	3 701	12 42.1
	12	10 2 55.95	7 7.44	13 40 52.2	42 38.8	1.341 223	4 375	12 45.4
	13	10 10 3.39	6 58.83	12 58 13.4	43 10.7	1.336 848	5 001	12 48.5
	14	10 17 2.22	6 50.45	12 15 2.7	43 37.2	1.331 847	5 584	12 51.5
	15	10 23 52.67	6 42.29	11 31 25.5	43 58.4	1.326 263	6 127	12 54.3
	16	10 30 34.96	6 34.39	10 47 27.1	44 15.0	1.320 136	6 634	12 57.1
	17	10 37 9.35	6 26.72	+10 3 12.1	44 27.1	1.313 502	7 109	12 59.6
	18	10 43 36.07	6 19.32	9 18 45.0	44 35.2	1.306 393	7 555	13 2.0
	19	10 49 55.39	6 12.14	8 34 9.8	44 39.6	1.298 838	7 974	13 4.3
	20	10 56 7.53	6 5.21	7 49 30.2	44 40.3	1.290 864	8 371	13 6.5
	21	11 2 12.74	5 58.51	7 4 49.9	44 37.8	1.282 493	8 746	13 8.6
	22	11 8 11.25	5 52.02	6 20 12.1	44 32.2	1.273 747	9 104	13 10.6
	23	11 14 3.27	5 45.73	+ 5 35 39.9	44 23.7	1.264 643	9 445	13 12.5
	24	11 19 49.00	5 39.64	4 51 16.2	44 12.5	1.255 198	9 772	13 14.3
	25	11 25 28.64	5 33.72	4 7 3.7	43 58.7	1.245 426	10 087	13 15.9
	26	11 31 2.36	5 27.95	3 23 5.0	43 42.4	1.235 339	10 392	13 17.4
	27	11 36 30.31	5 22.33	2 39 22.6	43 23.7	1.224 947	10 687	13 18.9
	28	11 41 52.64	5 16.83	1 55 58.9	43 2.7	1.214 260	10 976	13 20.3
	29	11 47 9.47	5 11.42	+ 1 12 56.2	42 39.3	1.203 284	11 257	13 21.6
	30	11 52 20.89	5 6.09	+ 0 30 16.9	42 13.8	1.192 027	11 535	13 22.8
	31	11 57 26.98	5 0.81	− 0 11 56.9	41 46.0	1.180 492	11 806	13 23.9
Sept.	1	12 2 27.79	4 55.56	0 53 42.9	41 16.0	1.168 686	12 074	13 24.9
	2	12 7 23.35	4 50.32	1 34 58.9	40 43.8	1.156 612	12 340	13 25.9
	3	12 12 13.67		− 2 15 42.7		1.144 272		13 26.7

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Sept. 3	12 12 13.67	4 45.05	− 2 15 42.7	40 9.2	1.144 272	12 603	13 26.7
4	12 16 58.72	4 39.72	2 55 51.9	39 32.3	1.131 669	12 863	13 27.5
5	12 21 38.44	4 34.30	3 35 24.2	38 52.8	1.118 806	13 121	13 28.1
6	12 26 12.74	4 28.78	4 14 17.0	38 10.9	1.105 685	13 376	13 28.7
7	12 30 41.52	4 23.08	4 52 27.9	37 26.3	1.092 309	13 630	13 29.2
8	12 35 4.60	4 17.19	5 29 54.2	36 38.8	1.078 679	13 881	13 29.6
9	12 39 21.79	4 11.07	− 6 6 33.0	35 48.4	1.064 798	14 128	13 29.9
10	12 43 32.86	4 4.65	6 42 21.4	34 54.6	1.050 670	14 372	13 30.1
11	12 47 37.51	3 57.90	7 17 16.0	33 57.5	1.036 298	14 611	13 30.1
12	12 51 35.41	3 50.77	7 51 13.5	32 56.6	1.021 687	14 844	13 30.1
13	12 55 26.18	3 43.18	8 24 10.1	31 51.5	1.006 843	15 069	13 29.9
14	12 59 9.36	3 35.07	8 56 1.6	30 42.1	0.991 774	15 286	13 29.6
15	13 2 44.43	3 26.39	− 9 26 43.7	29 27.7	0.976 488	15 490	13 29.2
16	13 6 10.82	3 17.06	9 56 11.4	28 8.0	0.960 998	15 680	13 28.6
17	13 9 27.88	3 6.98	10 24 19.4	26 42.4	0.945 318	15 854	13 27.8
18	13 12 34.86	2 56.09	10 51 1.8	25 10.4	0.929 464	16 006	13 26.9
19	13 15 30.95	2 44.29	11 16 12.2	23 31.3	0.913 458	16 134	13 25.8
20	13 18 15.24	2 31.51	11 39 43.5	21 44.2	0.897 324	16 232	13 24.5
21	13 20 46.75	2 17.63	−12 1 27.7	19 48.5	0.881 092	16 295	13 22.9
22	13 23 4.38	2 2.58	12 21 16.2	17 43.2	0.864 797	16 316	13 21.2
23	13 25 6.96	1 46.24	12 38 59.4	15 27.5	0.848 481	16 288	13 19.1
24	13 26 53.20	1 28.59	12 54 26.9	13 0.1	0.832 193	16 202	13 16.8
25	13 28 21.79	1 9.51	13 7 27.0	10 20.3	0.815 991	16 049	13 14.2
26	13 29 31.30	0 48.99	13 17 47.3	7 27.0	0.799 942	15 818	13 11.2
27	13 30 20.29	0 27.02	−13 25 14.3	4 19.4	0.784 124	15 496	13 7.9
28	13 30 47.31	0 3.64	13 29 33.7	0 56.8	0.768 628	15 071	13 4.2
29	13 30 50.95	0 21.03	13 30 30.5	2 41.1	0.753 557	14 526	13 0.1
30	13 30 29.92	0 46.80	13 27 49.4	6 34.3	0.739 031	13 848	12 55.6
Okt. 1	13 29 43.12	1 13.36	13 21 15.1	10 41.4	0.725 183	13 019	12 50.6
2	13 28 29.76	1 40.31	13 10 33.7	15 0.8	0.712 164	12 023	12 45.2
3	13 26 49.45	2 7.09	−12 55 32.9	19 28.9	0.700 141	10 845	12 39.4
4	13 24 42.36	2 32.98	12 36 4.0	24 1.1	0.689 296	9 471	12 33.2
5	13 22 9.38	2 57.16	12 12 2.9	28 30.6	0.679 825	7 894	12 26.5
6	13 19 12.22	3 18.68	11 43 32.3	32 48.8	0.671 931	6 106	12 19.4
7	13 15 53.54	3 36.53	11 10 43.5	36 46.1	0.665 825	4 113	12 12.1
8	13 12 17.01	3 49.68	10 33 57.4	40 10.8	0.661 712	1 923	12 4.4
9	13 8 27.33	3 57.25	− 9 53 46.6	42 51.9	0.659 789	441	11 56.6
10	13 4 30.08	3 58.50	9 10 54.7	44 39.0	0.660 230	2 949	11 48.7
11	13 0 31.58	3 52.97	8 26 15.7	45 23.3	0.663 179	5 561	11 40.9
12	12 56 38.61	3 40.55	7 40 52.4	45 0.0	0.668 740	8 228	11 33.2
13	12 52 58.06	3 21.50	6 55 52.4	43 27.4	0.676 968	10 896	11 25.8
14	12 49 36.56		− 6 12 25.0		0.687 864		11 18.7

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Okt. 14	12 49 36.56	2 56.42	− 6 12 25.0	40 48.6	0.687 864	13 507	11 18.7
15	12 46 40.14	2 26.22	5 31 36.4	37 10.2	0.701 371	16 006	11 12.1
16	12 44 13.92	1 51.99	4 54 26.2	32 41.9	0.717 377	18 341	11 6.0
17	12 42 21.93	1 14.97	4 21 44.3	27 35.5	0.735 718	20 467	11 0.5
18	12 41 6.96	0 36.37	3 54 8.8	22 3.0	0.756 185	22 348	10 55.6
19	12 40 30.59	0 2.65	3 32 5.8	16 16.6	0.778 533	23 958	10 51.3
20	12 40 33.24	0 41.10	− 3 15 49.2	10 27.3	0.802 491	25 282	10 47.7
21	12 41 14.34	1 18.12	3 5 21.9	4 44.1	0.827 773	26 315	10 44.7
22	12 42 32.46	1 53.10	3 0 37.8	0 45.2	0.854 088	27 061	10 42.4
23	12 44 25.56	2 25.58	3 1 23.0	5 55.0	0.881 149	27 531	10 40.6
24	12 46 51.14	2 55.27	3 7 18.0	10 41.8	0.908 680	27 747	10 39.3
25	12 49 46.41	3 22.08	3 17 59.8	15 2.6	0.936 427	27 730	10 38.5
26	12 53 8.49	3 46.00	− 3 33 2.4	18 56.8	0.964 157	27 507	10 38.1
27	12 56 54.49	4 7.13	3 51 59.2	22 24.2	0.991 664	27 107	10 38.1
28	13 1 1.62	4 25.61	4 14 23.4	25 25.3	1.018 771	26 557	10 38.4
29	13 5 27.23	4 41.68	4 39 48.7	28 1.7	1.045 328	25 884	10 39.0
30	13 10 8.91	4 55.54	5 7 50.4	30 14.8	1.071 212	25 114	10 39.8
31	13 15 4.45	5 7.45	5 38 5.2	32 6.3	1.096 326	24 268	10 40.9
Nov. 1	13 20 11.90	5 17.64	− 6 10 11.5	33 38.3	1.120 594	23 368	10 42.2
2	13 25 29.54	5 26.33	6 43 49.8	34 52.7	1.143 962	22 430	10 43.6
3	13 30 55.87	5 33.73	7 18 42.5	35 51.2	1.166 392	21 468	10 45.2
4	13 36 29.60	5 40.03	7 54 33.7	36 35.5	1.187 860	20 495	10 46.8
5	13 42 9.63	5 45.41	8 31 9.2	37 7.5	1.208 355	19 520	10 48.6
6	13 47 55.04	5 50.00	9 8 16.7	37 28.4	1.227 875	18 551	10 50.5
7	13 53 45.04	5 53.94	− 9 45 45.1	37 39.3	1.246 426	17 593	10 52.4
8	13 59 38.98	5 57.36	10 23 24.4	37 41.9	1.264 019	16 651	10 54.4
9	14 5 36.34	6 0.32	11 1 6.3	37 36.9	1.280 670	15 730	10 56.4
10	14 11 36.66	6 2.93	11 38 43.2	37 25.1	1.296 400	14 828	10 58.5
11	14 17 39.59	6 5.26	12 16 8.3	37 7.4	1.311 228	13 952	11 0.6
12	14 23 44.85	6 7.37	12 53 15.7	36 44.7	1.325 180	13 097	11 2.8
13	14 29 52.22	6 9.30	−13 30 0.4	36 17.3	1.338 277	12 268	11 5.0
14	14 36 1.52	6 11.10	14 6 17.7	35 45.8	1.350 545	11 461	11 7.2
15	14 42 12.62	6 12.81	14 42 3.5	35 10.7	1.362 006	10 677	11 9.5
16	14 48 25.43	6 14.45	15 17 14.2	34 32.3	1.372 683	9 917	11 11.8
17	14 54 39.88	6 16.05	15 51 46.5	33 50.9	1.382 600	9 177	11 14.1
18	15 0 55.93	6 17.62	16 25 37.4	33 6.8	1.391 777	8 457	11 16.4
19	15 7 13.55	6 19.18	−16 58 44.2	32 20.4	1.400 234	7 756	11 18.8
20	15 13 32.73	6 20.77	17 31 4.6	31 31.7	1.407 990	7 073	11 21.2
21	15 19 53.50	6 22.34	18 2 36.3	30 40.8	1.415 063	6 406	11 23.6
22	15 26 15.84	6 23.94	18 33 17.1	29 48.0	1.421 469	5 754	11 26.0
23	15 32 39.78	6 25.58	19 3 5.1	28 53.4	1.427 223	5 116	11 28.5
24	15 39 5.36		−19 31 58.5		1.432 339		11 31.0

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Nov. 24	15 39 5.36	6 27.22	−19 31 58.5	27 57.1	1.432 339	4 490	11 31.0
25	15 45 32.58	6 28.90	19 59 55.6	26 59.0	1.436 829	3 875	11 33.5
26	15 52 1.48	6 30.60	20 26 54.6	25 59.3	1.440 704	3 270	11 36.1
27	15 58 32.08	6 32.33	20 52 53.9	24 58.2	1.443 974	2 674	11 38.7
28	16 5 4.41	6 34.07	21 17 52.1	23 55.4	1.446 648	2 085	11 41.3
29	16 11 38.48	6 35.83	21 41 47.5	22 51.1	1.448 733	1 503	11 43.9
30	16 18 14.31	6 37.60	−22 4 38.6	21 45.5	1.450 236	925	11 46.6
Dez. 1	16 24 51.91	6 39.37	22 26 24.1	20 38.4	1.451 161	351	11 49.3
2	16 31 31.28	6 41.13	22 47 2.5	19 29.8	1.451 512	220	11 52.1
3	16 38 12.41	6 42.90	23 6 32.3	18 19.9	1.451 292	789	11 54.8
4	16 44 55.31	6 44.63	23 24 52.2	17 8.4	1.450 503	1 358	11 57.6
5	16 51 39.94	6 46.32	23 42 0.6	15 55.7	1.449 145	1 928	12 0.4
6	16 58 26.26	6 47.99	−23 57 56.3	14 41.4	1.447 217	2 499	12 3.3
7	17 5 14.25	6 49.59	24 12 37.7	13 25.9	1.444 718	3 073	12 6.2
8	17 12 3.84	6 51.13	24 26 3.6	12 9.0	1.441 645	3 650	12 9.1
9	17 18 54.97	6 52.58	24 38 12.6	10 50.6	1.437 995	4 232	12 12.0
10	17 25 47.55	6 53.95	24 49 3.2	9 30.9	1.433 763	4 821	12 14.9
11	17 32 41.50	6 55.20	24 58 34.1	8 9.9	1.428 942	5 415	12 17.9
12	17 39 36.70	6 56.34	−25 6 44.0	6 47.6	1.423 527	6 017	12 20.9
13	17 46 33.04	6 57.32	25 13 31.6	5 23.9	1.417 510	6 629	12 23.9
14	17 53 30.36	6 58.16	25 18 55.5	3 59.2	1.410 881	7 250	12 26.9
15	18 0 28.52	6 58.81	25 22 54.7	2 33.0	1.403 631	7 882	12 30.0
16	18 7 27.33	6 59.26	25 25 27.7	1 5.9	1.395 749	8 526	12 33.0
17	18 14 26.59	6 59.50	25 26 33.6	0 22.4	1.387 223	9 184	12 36.1
18	18 21 26.09	6 59.48	−25 26 11.2	1 51.7	1.378 039	9 856	12 39.2
19	18 28 25.57	6 59.18	25 24 19.5	3 21.8	1.368 183	10 543	12 42.2
20	18 35 24.75	6 58.57	25 20 57.7	4 52.7	1.357 640	11 246	12 45.2
21	18 42 23.32	6 57.62	25 16 5.0	6 24.1	1.346 394	11 967	12 48.3
22	18 49 20.94	6 56.27	25 9 40.9	7 56.2	1.334 427	12 705	12 51.3
23	18 56 17.21	6 54.49	25 1 44.7	9 28.3	1.321 722	13 461	12 54.3
24	19 3 11.70	6 52.22	−24 52 16.4	11 0.6	1.308 261	14 237	12 57.2
25	19 10 3.92	6 49.40	24 41 15.8	12 32.4	1.294 024	15 031	13 0.1
26	19 16 53.32	6 45.95	24 28 43.4	14 3.7	1.278 993	15 843	13 3.0
27	19 23 39.27	6 41.82	24 14 39.7	15 33.8	1.263 150	16 672	13 5.8
28	19 30 21.09	6 36.89	23 59 5.9	17 2.5	1.246 478	17 517	13 8.5
29	19 36 57.98	6 31.07	23 42 3.4	18 29.0	1.228 961	18 376	13 11.1
30	19 43 29.05	6 24.26	−23 23 34.4	19 52.6	1.210 585	19 243	13 13.6
31	19 49 53.31	6 16.30	23 3 41.8	21 12.8	1.191 342	20 118	13 16.0
32	19 56 9.61		−22 42 29.0		1.171 224		13 18.3

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		0ʰ Welt-Zeit: Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Jan. 0	21 21 32.02	1 31.06	−15 10 48.4	18 28.9	0.396 580	6 336	14 43.9
1	21 23 3.08	1 23.41	14 52 19.5	18 17.1	0.390 244	6 249	14 41.4
2	21 24 26.49	1 15.54	14 34 2.4	18 3.3	0.383 995	6 156	14 38.8
3	21 25 42.03	1 7.46	14 15 59.1	17 47.8	0.377 839	6 057	14 36.1
4	21 26 49.49	0 59.17	13 58 11.3	17 30.5	0.371 782	5 954	14 33.2
5	21 27 48.66	0 50.67	13 40 40.8	17 11.4	0.365 828	5 843	14 30.1
6	21 28 39.33	0 42.00	−13 23 29.4	16 50.2	0.359 985	5 727	14 27.0
7	21 29 21.33	0 33.12	13 6 39.2	16 27.1	0.354 258	5 605	14 23.6
8	21 29 54.45	0 24.06	12 50 12.1	16 2.2	0.348 653	5 476	14 20.2
9	21 30 18.51	0 14.85	12 34 9.9	15 35.2	0.343 177	5 339	14 16.6
10	21 30 33.36	0 5.50	12 18 34.7	15 6.0	0.337 838	5 196	14 12.8
11	21 30 38.86	0 3.99	12 3 28.7	14 35.0	0.332 642	5 046	14 8.8
12	21 30 34.87	0 13.59	−11 48 53.7	14 1.8	0.327 596	4 889	14 4.7
13	21 30 21.28	0 23.26	11 34 51.9	13 26.8	0.322 707	4 724	14 0.5
14	21 29 58.02	0 33.00	11 21 25.1	12 49.5	0.317 983	4 551	13 56.1
15	21 29 25.02	0 42.76	11 8 35.6	12 10.4	0.313 432	4 370	13 51.5
16	21 28 42.26	0 52.48	10 56 25.2	11 29.3	0.309 062	4 181	13 46.8
17	21 27 49.78	1 2.16	10 44 55.9	10 46.1	0.304 881	3 984	13 41.9
18	21 26 47.62	1 11.70	−10 34 9.8	10 1.3	0.300 897	3 778	13 36.8
19	21 25 35.92	1 21.08	10 24 8.5	9 14.7	0.297 119	3 564	13 31.6
20	21 24 14.84	1 30.20	10 14 53.8	8 26.7	0.293 555	3 340	13 26.2
21	21 22 44.64	1 39.03	10 6 27.1	7 37.2	0.290 215	3 108	13 20.7
22	21 21 5.61	1 47.43	9 58 49.9	6 46.5	0.287 107	2 869	13 15.1
23	21 19 18.18	1 55.38	9 52 3.4	5 55.0	0.284 238	2 619	13 9.3
24	21 17 22.80	2 2.80	− 9 46 8.4	5 2.7	0.281 619	2 363	13 3.4
25	21 15 20.00	2 9.59	9 41 5.7	4 10.3	0.279 256	2 099	12 57.4
26	21 13 10.41	2 15.64	9 36 55.4	3 17.7	0.277 157	1 828	12 51.3
27	21 10 54.77	2 20.95	9 33 37.7	2 25.3	0.275 329	1 550	12 45.0
28	21 8 33.82	2 25.40	9 31 12.4	1 33.4	0.273 779	1 269	12 38.7
29	21 6 8.42	2 28.95	9 29 39.0	0 42.6	0.272 510	981	12 32.3
30	21 3 39.47	2 31.56	− 9 28 56.4	0 7.0	0.271 529	690	12 25.9
31	21 1 7.91	2 33.16	9 29 3.4	0 55.2	0.270 839	395	12 19.5
Febr. 1	20 58 34.75	2 33.75	9 29 58.6	1 41.3	0.270 444	101	12 13.0
2	20 56 1.00	2 33.32	9 31 39.9	2 25.1	0.270 343	196	12 6.5
3	20 53 27.68	2 31.84	9 34 5.0	3 6.7	0.270 539	491	12 0.1
4	20 50 55.84	2 29.37	9 37 11.7	3 45.5	0.271 030	786	11 53.6
5	20 48 26.47	2 25.90	− 9 40 57.2	4 21.4	0.271 816	1 078	11 47.3
6	20 46 0.57	2 21.49	9 45 18.6	4 54.5	0.272 894	1 367	11 41.0
7	20 43 39.08	2 16.21	9 50 13.1	5 24.2	0.274 261	1 650	11 34.7
8	20 41 22.87	2 10.10	9 55 37.3	5 50.9	0.275 911	1 928	11 28.6
9	20 39 12.77	2 3.25	10 1 28.2	6 14.3	0.277 839	2 201	11 22.5
10	20 37 9.52		−10 7 42.5		0.280 040		11 16.6

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Febr. 10	20 37 9.52	1 55.73	−10 7 42.5	6 34.4	0.280 040	2 467	11 16.6
11	20 35 13.79	1 47.64	10 14 16.9	6 51.5	0.282 507	2 726	11 10.8
12	20 33 26.15	1 39.01	10 21 8.4	7 5.5	0.285 233	2 976	11 5.2
13	20 31 47.14	1 29.98	10 28 13.9	7 16.4	0.288 209	3 220	10 59.7
14	20 30 17.16	1 20.59	10 35 30.3	7 24.5	0.291 429	3 454	10 54.3
15	20 28 56.57	1 10.94	10 42 54.8	7 29.7	0.294 883	3 682	10 49.1
16	20 27 45.63	1 1.06	−10 50 24.5	7 32.2	0.298 565	3 900	10 44.1
17	20 26 44.57	0 51.06	10 57 56.7	7 32.1	0.302 465	4 110	10 39.2
18	20 25 53.51	0 40.97	11 5 28.8	7 29.6	0.306 575	4 313	10 34.5
19	20 25 12.54	0 30.82	11 12 58.4	7 24.7	0.310 888	4 508	10 30.0
20	20 24 41.72	0 20.71	11 20 23.1	7 17.7	0.315 396	4 693	10 25.6
21	20 24 21.01	0 10.64	11 27 40.8	7 8.6	0.320 089	4 872	10 21.4
22	20 24 10.37	0 0.67	−11 34 49.4	6 57.4	0.324 961	5 043	10 17.4
23	20 24 9.70	0 9.17	11 41 46.8	6 44.4	0.330 004	5 205	10 13.5
24	20 24 18.87	0 18.85	11 48 31.2	6 29.7	0.335 209	5 361	10 9.8
25	20 24 37.72	0 28.35	11 55 0.9	6 13.6	0.340 570	5 509	10 6.3
26	20 25 6.07	0 37.66	12 1 14.5	5 55.8	0.346 079	5 650	10 2.9
27	20 25 43.73	0 46.73	12 7 10.3	5 36.5	0.351 729	5 785	9 59.6
28	20 26 30.46	0 55.57	−12 12 46.8	5 16.0	0.357 514	5 913	9 56.5
März 1	20 27 26.03	1 4.17	12 18 2.8	4 54.3	0.363 427	6 034	9 53.6
2	20 28 30.20	1 12.52	12 22 57.1	4 31.5	0.369 461	6 150	9 50.8
3	20 29 42.72	1 20.61	12 27 28.6	4 7.6	0.375 611	6 259	9 48.1
4	20 31 3.33	1 28.43	12 31 36.2	3 42.8	0.381 870	6 363	9 45.5
5	20 32 31.76	1 35.98	12 35 19.0	3 17.0	0.388 233	6 461	9 43.1
6	20 34 7.74	1 43.27	−12 38 36.0	2 50.6	0.394 694	6 553	9 40.8
7	20 35 51.01	1 50.27	12 41 26.6	2 23.4	0.401 247	6 640	9 38.7
8	20 37 41.28	1 57.00	12 43 50.0	1 55.5	0.407 887	6 723	9 36.6
9	20 39 38.28	2 3.47	12 45 45.5	1 27.1	0.414 610	6 800	9 34.7
10	20 41 41.75	2 9.65	12 47 12.6	0 58.3	0.421 410	6 874	9 32.8
11	20 43 51.40	2 15.58	12 48 10.9	0 28.9	0.428 284	6 942	9 31.1
12	20 46 6.98	2 21.24	−12 48 39.8	0 0.8	0.435 226	7 007	9 29.4
13	20 48 28.22	2 26.65	12 48 39.0	0 30.9	0.442 233	7 068	9 27.9
14	20 50 54.87	2 31.81	12 48 8.1	1 1.2	0.449 301	7 127	9 26.4
15	20 53 26.68	2 36.73	12 47 6.9	1 31.7	0.456 428	7 181	9 25.0
16	20 56 3.41	2 41.41	12 45 35.2	2 2.5	0.463 609	7 233	9 23.7
17	20 58 44.82	2 45.88	12 43 32.7	2 33.4	0.470 842	7 283	9 22.5
18	21 1 30.70	2 50.14	−12 40 59.3	3 4.4	0.478 125	7 328	9 21.4
19	21 4 20.84	2 54.19	12 37 54.9	3 35.5	0.485 453	7 374	9 20.3
20	21 7 15.03	2 58.05	12 34 19.4	4 6.7	0.492 827	7 415	9 19.3
21	21 10 13.08	3 1.72	12 30 12.7	4 37.9	0.500 242	7 455	9 18.3
22	21 13 14.80	3 5.20	12 25 34.8	5 9.2	0.507 697	7 494	9 17.4
23	21 16 20.00		−12 20 25.6		0.515 191		9 16.6

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942		h m s	m s	° ′ ″	′ ″			h m
März	23	21 16 20.00	3 8.53	−12 20 25.6	5 40.3	0.515 191	7 529	9 16.6
	24	21 19 28.53	3 11.70	12 14 45.3	6 11.5	0.522 720	7 563	9 15.8
	25	21 22 40.23	3 14.70	12 8 33.8	6 42.4	0.530 283	7 595	9 15.1
	26	21 25 54.93	3 17.56	12 1 51.4	7 13.4	0.537 878	7 626	9 14.4
	27	21 29 12.49	3 20.26	11 54 38.0	7 44.1	0.545 504	7 655	9 13.8
	28	21 32 32.75	3 22.84	11 46 53.9	8 14.8	0.553 159	7 682	9 13.2
	29	21 35 55.59	3 25.31	−11 38 39.1	8 45.2	0.560 841	7 707	9 12.7
	30	21 39 20.90	3 27.63	11 29 53.9	9 15.5	0.568 548	7 732	9 12.2
	31	21 42 48.53	3 29.84	11 20 38.4	9 45.5	0.576 280	7 754	9 11.7
April	1	21 46 18.37	3 31.94	11 10 52.9	10 15.2	0.584 034	7 774	9 11.3
	2	21 49 50.31	3 33.93	11 0 37.7	10 44.6	0.591 808	7 794	9 10.9
	3	21 53 24.24	3 35.83	10 49 53.1	11 13.8	0.599 602	7 811	9 10.5
	4	21 57 0.07	3 37.61	−10 38 39.3	11 42.7	0.607 413	7 828	9 10.2
	5	22 0 37.68	3 39.30	10 26 56.6	12 11.1	0.615 241	7 841	9 9.9
	6	22 4 16.98	3 40.89	10 14 45.5	12 39.2	0.623 082	7 853	9 9.6
	7	22 7 57.87	3 42.40	10 2 6.3	13 6.7	0.630 935	7 865	9 9.3
	8	22 11 40.27	3 43.81	9 48 59.6	13 33.9	0.638 800	7 875	9 9.1
	9	22 15 24.08	3 45.13	9 35 25.7	14 0.8	0.646 675	7 883	9 8.9
	10	22 19 9.21	3 46.38	− 9 21 24.9	14 26.9	0.654 558	7 890	9 8.7
	11	22 22 55.59	3 47.55	9 6 58.0	14 52.7	0.662 448	7 896	9 8.6
	12	22 26 43.14	3 48.66	8 52 5.3	15 17.9	0.670 344	7 902	9 8.4
	13	22 30 31.80	3 49.69	8 36 47.4	15 42.6	0.678 246	7 906	9 8.3
	14	22 34 21.49	3 50.65	8 21 4.8	16 6.7	0.686 152	7 909	9 8.2
	15	22 38 12.14	3 51.56	8 4 58.1	16 30.5	0.694 061	7 912	9 8.1
	16	22 42 3.70	3 52.43	− 7 48 27.6	16 53.5	0.701 973	7 914	9 8.0
	17	22 45 56.13	3 53.24	7 31 34.1	17 16.1	0.709 887	7 916	9 7.9
	18	22 49 49.37	3 54.01	7 14 18.0	17 38.1	0.717 803	7 917	9 7.9
	19	22 53 43.38	3 54.73	6 56 39.9	17 59.5	0.725 720	7 917	9 7.9
	20	22 57 38.11	3 55.42	6 38 40.4	18 20.3	0.733 637	7 916	9 7.8
	21	23 1 33.53	3 56.08	6 20 20.1	18 40.7	0.741 553	7 916	9 7.8
	22	23 5 29.61	3 56.71	− 6 1 39.4	19 0.3	0.749 469	7 915	9 7.8
	23	23 9 26.32	3 57.31	5 42 39.1	19 19.4	0.757 384	7 913	9 7.8
	24	23 13 23.63	3 57.89	5 23 19.7	19 38.0	0.765 297	7 910	9 7.8
	25	23 17 21.52	3 58.45	5 3 41.7	19 55.9	0.773 207	7 907	9 7.9
	26	23 21 19.97	3 59.00	4 43 45.8	20 13.3	0.781 114	7 904	9 7.9
	27	23 25 18.97	3 59.53	4 23 32.5	20 30.1	0.789 018	7 900	9 7.9
	28	23 29 18.50	4 0.05	− 4 3 2.4	20 46.2	0.796 918	7 896	9 8.0
	29	23 33 18.55	4 0.57	3 42 16.2	21 1.8	0.804 814	7 890	9 8.1
	30	23 37 19.12	4 1.08	3 21 14.4	21 16.7	0.812 704	7 884	9 8.1
Mai	1	23 41 20.20	4 1.58	2 59 57.7	21 31.2	0.820 588	7 877	9 8.2
	2	23 45 21.78	4 2.09	2 38 26.5	21 44.9	0.828 465	7 869	9 8.3
	3	23 49 23.87		− 2 16 41.6		0.836 334		9 8.4

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Mai 3	23 49 23.87	4 2.58	− 2 16 41.6	21 57.9	0.836 334	7 860	9 8.4
4	23 53 26.45	4 3.07	1 54 43.7	22 10.5	0.844 194	7 851	9 8.5
5	23 57 29.52	4 3.57	1 32 33.2	22 22.3	0.852 045	7 840	9 8.6
6	0 1 33.09	4 4.05	1 10 10.9	22 33.4	0.859 885	7 828	9 8.7
7	0 5 37.14	4 4.55	0 47 37.5	22 43.9	0.867 713	7 815	9 8.8
8	0 9 41.69	4 5.03	0 24 53.6	22 53.7	0.875 528	7 803	9 9.0
9	0 13 46.72	4 5.52	− 0 1 59.9	23 2.8	0.883 331	7 788	9 9.1
10	0 17 52.24	4 6.01	+ 0 21 2.9	23 11.3	0.891 119	7 774	9 9.3
11	0 21 58.25	4 6.51	0 44 14.2	23 19.1	0.898 893	7 758	9 9.4
12	0 26 4.76	4 7.00	1 7 33.3	23 26.1	0.906 651	7 743	9 9.6
13	0 30 11.76	4 7.52	1 30 59.4	23 32.6	0.914 394	7 727	9 9.8
14	0 34 19.28	4 8.02	1 54 32.0	23 38.3	0.922 121	7 710	9 10.0
15	0 38 27.30	4 8.55	+ 2 18 10.3	23 43.4	0.929 831	7 693	9 10.2
16	0 42 35.85	4 9.09	2 41 53.7	23 47.8	0.937 524	7 676	9 10.4
17	0 46 44.94	4 9.63	3 5 41.5	23 51.4	0.945 200	7 659	9 10.6
18	0 50 54.57	4 10.20	3 29 32.9	23 54.4	0.952 859	7 641	9 10.8
19	0 55 4.77	4 10.79	3 53 27.3	23 56.9	0.960 500	7 622	9 11.0
20	0 59 15.56	4 11.37	4 17 24.2	23 58.5	0.968 122	7 604	9 11.3
21	1 3 26.93	4 11.99	+ 4 41 22.7	23 59.5	0.975 726	7 586	9 11.5
22	1 7 38.92	4 12.62	5 5 22.2	23 59.9	0.983 312	7 566	9 11.8
23	1 11 51.54	4 13.28	5 29 22.1	23 59.5	0.990 878	7 547	9 12.1
24	1 16 4.82	4 13.95	5 53 21.6	23 58.5	0.998 425	7 528	9 12.4
25	1 20 18.77	4 14.64	6 17 20.1	23 56.9	1.005 953	7 508	9 12.7
26	1 24 33.41	4 15.36	6 41 17.0	23 54.5	1.013 461	7 488	9 13.0
27	1 28 48.77	4 16.10	+ 7 5 11.5	23 51.5	1.020 949	7 468	9 13.3
28	1 33 4.87	4 16.88	7 29 3.0	23 47.8	1.028 417	7 446	9 13.6
29	1 37 21.75	4 17.67	7 52 50.8	23 43.5	1.035 863	7 425	9 13.9
30	1 41 39.42	4 18.48	8 16 34.3	23 38.4	1.043 288	7 403	9 14.3
31	1 45 57.90	4 19.32	8 40 12.7	23 32.8	1.050 691	7 380	9 14.7
Juni 1	1 50 17.22	4 20.19	9 3 45.5	23 26.5	1.058 071	7 357	9 15.1
2	1 54 37.41	4 21.07	+ 9 27 12.0	23 19.4	1.065 428	7 332	9 15.5
3	1 58 58.48	4 21.98	9 50 31.4	23 11.6	1.072 760	7 307	9 15.9
4	2 3 20.46	4 22.90	10 13 43.0	23 3.2	1.080 067	7 280	9 16.3
5	2 7 43.36	4 23.83	10 36 46.2	22 54.0	1.087 347	7 254	9 16.7
6	2 12 7.19	4 24.79	10 59 40.2	22 44.1	1.094 601	7 226	9 17.2
7	2 16 31.98	4 25.76	11 22 24.3	22 33.6	1.101 827	7 198	9 17.7
8	2 20 57.74	4 26.75	+11 44 57.9	22 22.2	1.109 025	7 170	9 18.2
9	2 25 24.49	4 27.75	12 7 20.1	22 10.2	1.116 195	7 140	9 18.7
10	2 29 52.24	4 28.77	12 29 30.3	21 57.5	1.123 335	7 111	9 19.2
11	2 34 21.01	4 29.80	12 51 27.8	21 44.0	1.130 446	7 081	9 19.8
12	2 38 50.81	4 30.84	13 13 11.8	21 29.9	1.137 527	7 050	9 20.3
13	2 43 21.65		+13 34 41.7		1.144 577		9 20.9

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Juni 13	2 43 21.65	4 31.90	+13 34 41.7	21 14.9	1.144 577	7 020	9 20.9
14	2 47 53.55	4 32.96	13 55 56.6	20 59.4	1.151 597	6 989	9 21.5
15	2 52 26.51	4 34.05	14 16 56.0	20 43.1	1.158 586	6 958	9 22.1
16	2 57 0.56	4 35.14	14 37 39.1	20 26.1	1.165 544	6 926	9 22.7
17	3 1 35.70	4 36.23	14 58 5.2	20 8.4	1.172 470	6 895	9 23.4
18	3 6 11.93	4 37.35	15 18 13.6	19 50.0	1.179 365	6 863	9 24.1
19	3 10 49.28	4 38.47	+15 38 3.6	19 30.8	1.186 228	6 830	9 24.8
20	3 15 27.75	4 39.60	15 57 34.4	19 11.0	1.193 058	6 799	9 25.5
21	3 20 7.35	4 40.73	16 16 45.4	18 50.6	1.199 857	6 766	9 26.2
22	3 24 48.08	4 41.86	16 35 36.0	18 29.3	1.206 623	6 733	9 26.9
23	3 29 29.94	4 43.02	16 54 5.3	18 7.5	1.213 356	6 701	9 27.7
24	3 34 12.96	4 44.17	17 12 12.8	17 44.9	1.220 057	6 669	9 28.5
25	3 38 57.13	4 45.33	+17 29 57.7	17 21.8	1.226 726	6 635	9 29.3
26	3 43 42.46	4 46.48	17 47 19.5	16 57.9	1.233 361	6 602	9 30.1
27	3 48 28.94	4 47.64	18 4 17.4	16 33.3	1.239 963	6 568	9 30.9
28	3 53 16.58	4 48.81	18 20 50.7	16 8.2	1.246 531	6 533	9 31.8
29	3 58 5.39	4 49.96	18 36 58.9	15 42.4	1.253 064	6 499	9 32.7
30	4 2 55.35	4 51.11	18 52 41.3	15 15.8	1.259 563	6 463	9 33.6
Juli 1	4 7 46.46	4 52.26	+19 7 57.1	14 48.8	1.266 026	6 427	9 34.5
2	4 12 38.72	4 53.39	19 22 45.9	14 21.0	1.272 453	6 390	9 35.4
3	4 17 32.11	4 54.51	19 37 6.9	13 52.7	1.278 843	6 352	9 36.4
4	4 22 26.62	4 55.61	19 50 59.6	13 23.7	1.285 195	6 314	9 37.3
5	4 27 22.23	4 56.68	20 4 23.3	12 54.1	1.291 509	6 274	9 38.3
6	4 32 18.91	4 57.75	20 17 17.4	12 24.0	1.297 783	6 235	9 39.3
7	4 37 16.66	4 58.79	+20 29 41.4	11 53.2	1.304 018	6 195	9 40.4
8	4 42 15.45	4 59.80	20 41 34.6	11 21.9	1.310 213	6 155	9 41.4
9	4 47 15.25	5 0.78	20 52 56.5	10 50.0	1.316 368	6 114	9 42.5
10	4 52 16.03	5 1.74	21 3 46.5	10 17.6	1.322 482	6 072	9 43.6
11	4 57 17.77	5 2.66	21 14 4.1	9 44.7	1.328 554	6 031	9 44.7
12	5 2 20.43	5 3.55	21 23 48.8	9 11.3	1.334 585	5 990	9 45.8
13	5 7 23.98	5 4.41	+21 33 0.1	8 37.3	1.340 575	5 947	9 46.9
14	5 12 28.39	5 5.22	21 41 37.4	8 3.0	1.346 522	5 905	9 48.0
15	5 17 33.61	5 6.01	21 49 40.4	7 28.1	1.352 427	5 862	9 49.2
16	5 22 39.62	5 6.74	21 57 8.5	6 53.0	1.358 289	5 819	9 50.3
17	5 27 46.36	5 7.45	22 4 1.5	6 17.3	1.364 108	5 777	9 51.5
18	5 32 53.81	5 8.11	22 10 18.8	5 41.2	1.369 885	5 734	9 52.7
19	5 38 1.92	5 8.73	+22 16 0.0	5 4.9	1.375 619	5 691	9 53.9
20	5 43 10.65	5 9.30	22 21 4.9	4 28.2	1.381 310	5 648	9 55.1
21	5 48 19.95	5 9.83	22 25 33.1	3 51.2	1.386 958	5 606	9 56.3
22	5 53 29.78	5 10.31	22 29 24.3	3 13.9	1.392 564	5 562	9 57.5
23	5 58 40.09	5 10.76	22 32 38.2	2 36.4	1.398 126	5 519	9 58.8
24	6 3 50.85		+22 35 14.6		1.403 645		10 0.0

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942		h m s	m s	° ′ ″	′ ″			h m
Juli	24	6 3 50.85	5 11.16	+22 35 14.6	1 58.5	1.403 645	5 477	10 0.0
	25	6 9 2.01	5 11.51	22 37 13.1	1 20.6	1.409 122	5 433	10 1.3
	26	6 14 13.52	5 11.81	22 38 33.7	0 42.5	1.414 555	5 390	10 2.5
	27	6 19 25.33	5 12.07	22 39 16.2	0 4.1	1.419 945	5 346	10 3.8
	28	6 24 37.40	5 12.29	22 39 20.3	0 34.4	1.425 291	5 302	10 5.0
	29	6 29 49.69	5 12.46	22 38 45.9	1 12.9	1.430 593	5 258	10 6.3
	30	6 35 2.15	5 12.58	+22 37 33.0	1 51.5	1.435 851	5 212	10 7.6
	31	6 40 14.73	5 12.64	22 35 41.5	2 30.2	1.441 063	5 167	10 8.8
Aug.	1	6 45 27.37	5 12.66	22 33 11.3	3 8.8	1.446 230	5 120	10 10.1
	2	6 50 40.03	5 12.63	22 30 2.5	3 47.5	1.451 350	5 073	10 11.4
	3	6 55 52.66	5 12.55	22 26 15.0	4 26.2	1.456 423	5 027	10 12.7
	4	7 1 5.21	5 12.41	22 21 48.8	5 4.7	1.461 450	4 978	10 13.9
	5	7 6 17.62	5 12.23	+22 16 44.1	5 43.3	1.466 428	4 930	10 15.2
	6	7 11 29.85	5 12.00	22 11 0.8	6 21.6	1.471 358	4 881	10 16.4
	7	7 16 41.85	5 11.72	22 4 39.2	6 59.8	1.476 239	4 833	10 17.7
	8	7 21 53.57	5 11.39	21 57 39.4	7 37.9	1.481 072	4 784	10 19.0
	9	7 27 4.96	5 11.01	21 50 1.5	8 15.8	1.485 856	4 734	10 20.2
	10	7 32 15.97	5 10.59	21 41 45.7	8 53.3	1.490 590	4 685	10 21.4
	11	7 37 26.56	5 10.12	+21 32 52.4	9 30.7	1.495 275	4 635	10 22.7
	12	7 42 36.68	5 9.62	21 23 21.7	10 7.8	1.499 910	4 585	10 23.9
	13	7 47 46.30	5 9.08	21 13 13.9	10 44.6	1.504 495	4 536	10 25.1
	14	7 52 55.38	5 8.48	21 2 29.3	11 21.0	1.509 031	4 485	10 26.3
	15	7 58 3.86	5 7.86	20 51 8.3	11 57.2	1.513 516	4 436	10 27.5
	16	8 3 11.72	5 7.20	20 39 11.1	12 32.9	1.517 952	4 386	10 28.7
	17	8 8 18.92	5 6.52	+20 26 38.2	13 8.2	1.522 338	4 335	10 29.9
	18	8 13 25.44	5 5.79	20 13 30.0	13 43.3	1.526 673	4 286	10 31.0
	19	8 18 31.23	5 5.04	19 59 46.7	14 17.7	1.530 959	4 237	10 32.2
	20	8 23 36.27	5 4.27	19 45 29.0	14 51.8	1.535 196	4 188	10 33.3
	21	8 28 40.54	5 3.47	19 30 37.2	15 25.4	1.539 384	4 139	10 34.4
	22	8 33 44.01	5 2.67	19 15 11.8	15 58.5	1.543 523	4 090	10 35.5
	23	8 38 46.68	5 1.83	+18 59 13.3	16 31.2	1.547 613	4 041	10 36.6
	24	8 43 48.51	5 0.99	18 42 42.1	17 3.3	1.551 654	3 992	10 37.7
	25	8 48 49.50	5 0.13	18 25 38.8	17 34.9	1.555 646	3 943	10 38.8
	26	8 53 49.63	4 59.27	18 8 3.9	18 6.0	1.559 589	3 894	10 39.9
	27	8 58 48.90	4 58.40	17 49 57.9	18 36.5	1.563 483	3 844	10 40.9
	28	9 3 47.30	4 57.51	17 31 21.4	19 6.4	1.567 327	3 795	10 41.9
	29	9 8 44.81	4 56.63	+17 12 15.0	19 35.8	1.571 122	3 745	10 42.9
	30	9 13 41.44	4 55.74	16 52 39.2	20 4.6	1.574 867	3 694	10 43.9
	31	9 18 37.18	4 54.85	16 32 34.6	20 32.8	1.578 561	3 644	10 44.9
Sept.	1	9 23 32.03	4 53.96	16 12 1.8	21 0.3	1.582 205	3 592	10 45.9
	2	9 28 25.99	4 53.06	15 51 1.5	21 27.3	1.585 797	3 541	10 46.8
	3	9 33 19.05		+15 29 34.2		1.589 338		10 47.8

Tag	0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Sept. 3	9 33 19.05	4 52.18	+15 29 34.2	21 53.5	1.589 338	3 489	10 47.8
4	9 38 11.23	4 51.29	15 7 40.7	22 19.2	1.592 827	3 438	10 48.7
5	9 43 2.52	4 50.41	14 45 21.5	22 44.2	1.596 265	3 386	10 49.6
6	9 47 52.93	4 49.55	14 22 37.3	23 8.5	1.599 651	3 334	10 50.5
7	9 52 42.48	4 48.68	13 59 28.8	23 32.2	1.602 985	3 281	10 51.4
8	9 57 31.16	4 47.83	13 35 56.6	23 55.1	1.606 266	3 229	10 52.2
9	10 2 18.99	4 47.00	+13 12 1.5	24 17.5	1.609 495	3 177	10 53.1
10	10 7 5.99	4 46.17	12 47 44.0	24 39.1	1.612 672	3 124	10 53.9
11	10 11 52.16	4 45.36	12 23 4.9	25 0.0	1.615 796	3 071	10 54.7
12	10 16 37.52	4 44.56	11 58 4.9	25 20.2	1.618 867	3 019	10 55.5
13	10 21 22.08	4 43.80	11 32 44.7	25 39.7	1.621 886	2 967	10 56.3
14	10 26 5.88	4 43.04	11 7 5.0	25 58.6	1.624 853	2 916	10 57.1
15	10 30 48.92	4 42.31	+10 41 6.4	26 16.6	1.627 769	2 864	10 57.9
16	10 35 31.23	4 41.60	10 14 49.8	26 34.1	1.630 633	2 812	10 58.6
17	10 40 12.83	4 40.92	9 48 15.7	26 50.7	1.633 445	2 762	10 59.4
18	10 44 53.75	4 40.26	9 21 25.0	27 6.8	1.636 207	2 711	11 0.1
19	10 49 34.01	4 39.64	8 54 18.2	27 22.0	1.638 918	2 661	11 0.8
20	10 54 13.65	4 39.05	8 26 56.2	27 36.6	1.641 579	2 611	11 1.5
21	10 58 52.70	4 38.49	+ 7 59 19.6	27 50.4	1.644 190	2 561	11 2.2
22	11 3 31.19	4 37.95	7 31 29.2	28 3.7	1.646 751	2 512	11 2.9
23	11 8 9.14	4 37.46	7 3 25.5	28 16.1	1.649 263	2 463	11 3.6
24	11 12 46.60	4 37.01	6 35 9.4	28 27.8	1.651 726	2 414	11 4.3
25	11 17 23.61	4 36.59	6 6 41.6	28 38.9	1.654 140	2 365	11 5.0
26	11 22 0.20	4 36.20	5 38 2.7	28 49.2	1.656 505	2 315	11 5.7
27	11 26 36.40	4 35.85	+ 5 9 13.5	28 58.9	1.658 820	2 265	11 6.3
28	11 31 12.25	4 35.54	4 40 14.6	29 7.7	1.661 085	2 217	11 7.0
29	11 35 47.79	4 35.27	4 11 6.9	29 15.9	1.663 302	2 166	11 7.6
30	11 40 23.06	4 35.03	3 41 51.0	29 23.4	1.665 468	2 117	11 8.3
Okt. 1	11 44 58.09	4 34.83	3 12 27.6	29 30.1	1.667 585	2 067	11 8.9
2	11 49 32.92	4 34.67	2 42 57.5	29 36.1	1.669 652	2 017	11 9.5
3	11 54 7.59	4 34.55	+ 2 13 21.4	29 41.3	1.671 669	1 967	11 10.2
4	11 58 42.14	4 34.47	1 43 40.1	29 45.9	1.673 636	1 917	11 10.8
5	12 3 16.61	4 34.42	1 13 54.2	29 49.6	1.675 553	1 867	11 11.4
6	12 7 51.03	4 34.41	0 44 4.6	29 52.8	1.677 420	1 816	11 12.1
7	12 12 25.44	4 34.44	+ 0 14 11.8	29 55.0	1.679 236	1 766	11 12.7
8	12 16 59.88	4 34.52	− 0 15 43.2	29 56.5	1.681 002	1 716	11 13.3
9	12 21 34.40	4 34.62	− 0 45 39.7	29 57.4	1.682 718	1 666	11 14.0
10	12 26 9.02	4 34.77	1 15 37.1	29 57.4	1.684 384	1 615	11 14.6
11	12 30 43.79	4 34.95	1 45 34.5	29 56.8	1.685 999	1 565	11 15.2
12	12 35 18.74	4 35.18	2 15 31.3	29 55.2	1.687 564	1 516	11 15.9
13	12 39 53.92	4 35.43	2 45 26.5	29 53.0	1.689 080	1 466	11 16.5
14	12 44 29.35		− 3 15 19.5		1.690 546		11 17.2

Tag	0h Welt-Zeit Scheinbare Rektaszension		0h Welt-Zeit Scheinbare Deklination		0h Welt-Zeit Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Okt. 14	12 44 29.35	4 35.73	− 3 15 19.5	29 50.0	1.690 546	1 418	11 17.2
15	12 49 5.08	4 36.08	3 45 9.5	29 46.3	1.691 964	1 369	11 17.8
16	12 53 41.16	4 36.45	4 14 55.8	29 41.8	1.693 333	1 321	11 18.5
17	12 58 17.61	4 36.87	4 44 37.6	29 36.5	1.694 654	1 274	11 19.2
18	13 2 54.48	4 37.33	5 14 14.1	29 30.4	1.695 928	1 227	11 19.8
19	13 7 31.81	4 37.83	5 43 44.5	29 23.7	1.697 155	1 180	11 20.5
20	13 12 9.64	4 38.37	− 6 13 8.2	29 16.1	1.698 335	1 134	11 21.2
21	13 16 48.01	4 38.96	6 42 24.3	29 7.8	1.699 469	1 088	11 21.9
22	13 21 26.97	4 39.58	7 11 32.1	28 58.6	1.700 557	1 043	11 22.6
23	13 26 6.55	4 40.23	7 40 30.7	28 48.9	1.701 600	997	11 23.3
24	13 30 46.78	4 40.94	8 9 19.6	28 38.3	1.702 597	952	11 24.1
25	13 35 27.72	4 41.68	8 37 57.9	28 26.8	1.703 549	906	11 24.8
26	13 40 9.40	4 42.45	− 9 6 24.7	28 14.6	1.704 455	862	11 25.6
27	13 44 51.85	4 43.27	9 34 39.3	28 1.7	1.705 317	817	11 26.3
28	13 49 35.12	4 44.11	10 2 41.0	27 48.0	1.706 134	772	11 27.1
29	13 54 19.23	4 45.00	10 30 29.0	27 33.4	1.706 906	727	11 27.9
30	13 59 4.23	4 45.92	10 58 2.4	27 18.1	1.707 633	682	11 28.7
31	14 3 50.15	4 46.86	11 25 20.5	27 2.0	1.708 315	637	11 29.6
Nov. 1	14 8 37.01	4 47.84	−11 52 22.5	26 45.1	1.708 952	592	11 30.4
2	14 13 24.85	4 48.84	12 19 7.6	26 27.4	1.709 544	546	11 31.3
3	14 18 13.69	4 49.88	12 45 35.0	26 8.8	1.710 090	502	11 32.2
4	14 23 3.57	4 50.93	13 11 43.8	25 49.5	1.710 592	457	11 33.1
5	14 27 54.50	4 52.02	13 37 33.3	25 29.4	1.711 049	411	11 34.0
6	14 32 46.52	4 53.13	14 3 2.7	25 8.4	1.711 460	366	11 34.9
7	14 37 39.65	4 54.24	−14 28 11.1	24 46.6	1.711 826	320	11 35.9
8	14 42 33.89	4 55.39	14 52 57.7	24 24.0	1.712 146	275	11 36.8
9	14 47 29.28	4 56.55	15 17 21.7	24 0.7	1.712 421	231	11 37.8
10	14 52 25.83	4 57.71	15 41 22.4	23 36.5	1.712 652	185	11 38.8
11	14 57 23.54	4 58.89	16 4 58.9	23 11.3	1.712 837	141	11 39.9
12	15 2 22.43	5 0.09	16 28 10.2	22 45.6	1.712 978	97	11 40.9
13	15 7 22.52	5 1.28	−16 50 55.8	22 18.9	1.713 075	54	11 42.0
14	15 12 23.80	5 2.49	17 13 14.7	21 51.5	1.713 129	10	11 43.1
15	15 17 26.29	5 3.70	17 35 6.2	21 23.3	1.713 139	−33	11 44.2
16	15 22 29.99	5 4.92	17 56 29.5	20 54.3	1.713 106	74	11 45.3
17	15 27 34.91	5 6.14	18 17 23.8	20 24.4	1.713 032	116	11 46.5
18	15 32 41.05	5 7.35	18 37 48.2	19 54.0	1.712 916	158	11 47.6
19	15 37 48.40	5 8.57	−18 57 42.2	19 22.7	1.712 758	198	11 48.8
20	15 42 56.97	5 9.78	19 17 4.9	18 50.6	1.712 560	239	11 50.0
21	15 48 6.75	5 10.98	19 35 55.5	18 17.8	1.712 321	279	11 51.3
22	15 53 17.73	5 12.17	19 54 13.3	17 44.4	1.712 042	319	11 52.5
23	15 58 29.90	5 13.35	20 11 57.7	17 10.2	1.711 723	360	11 53.8
24	16 3 43.25		−20 29 7.9		1.711 363		11 55.1

Tag	0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Nov. 24	16 3 43.25	5 14.51	−20 29 7.9	16 35.3	1.711 363	399	11 55.1
25	16 8 57.76	5 15.66	20 45 43.2	15 59.7	1.710 964	439	11 56.4
26	16 14 13.42	5 16.79	21 1 42.9	15 23.4	1.710 525	479	11 57.7
27	16 19 30.21	5 17.88	21 17 6.3	14 46.6	1.710 046	518	11 59.1
28	16 24 48.09	5 18.95	21 31 52.9	14 9.0	1.709 528	559	12 0.4
29	16 30 7.04	5 20.01	21 46 1.9	13 30.9	1.708 969	598	12 1.8
30	16 35 27.05	5 21.01	−21 59 32.8	12 52.1	1.708 371	637	12 3.2
Dez. 1	16 40 48.06	5 21.98	22 12 24.9	12 12.8	1.707 734	678	12 4.6
2	16 46 10.04	5 22.91	22 24 37.7	11 32.9	1.707 056	718	12 6.1
3	16 51 32.95	5 23.81	22 36 10.6	10 52.6	1.706 338	757	12 7.5
4	16 56 56.76	5 24.65	22 47 3.2	10 11.7	1.705 581	798	12 9.0
5	17 2 21.41	5 25.46	22 57 14.9	9 30.2	1.704 783	839	12 10.5
6	17 7 46.87	5 26.20	−23 6 45.1	8 48.4	1.703 944	879	12 12.0
7	17 13 13.07	5 26.89	23 15 33.5	8 6.2	1.703 065	920	12 13.5
8	17 18 39.96	5 27.53	23 23 39.7	7 23.4	1.702 145	961	12 15.0
9	17 24 7.49	5 28.11	23 31 3.1	6 40.5	1.701 184	1 001	12 16.5
10	17 29 35.60	5 28.63	23 37 43.6	5 57.1	1.700 183	1 041	12 18.0
11	17 35 4.23	5 29.08	23 43 40.7	5 13.5	1.699 142	1 082	12 19.6
12	17 40 33.31	5 29.48	−23 48 54.2	4 29.5	1.698 060	1 121	12 21.1
13	17 46 2.79	5 29.81	23 53 23.7	3 45.3	1.696 939	1 161	12 22.7
14	17 51 32.60	5 30.07	23 57 9.0	3 0.9	1.695 778	1 199	12 24.2
15	17 57 2.67	5 30.28	24 0 9.9	2 16.4	1.694 579	1 238	12 25.8
16	18 2 32.95	5 30.41	24 2 26.3	1 31.8	1.693 341	1 276	12 27.3
17	18 8 3.36	5 30.48	24 3 58.1	0 47.0	1.692 065	1 314	12 28.9
18	18 13 33.84	5 30.49	−24 4 45.1	0 2.2	1.690 751	1 352	12 30.5
19	18 19 4.33	5 30.44	24 4 47.3	0 42.7	1.689 399	1 389	12 32.1
20	18 24 34.77	5 30.32	24 4 4.6	1 27.6	1.688 010	1 426	12 33.6
21	18 30 5.09	5 30.13	24 2 37.0	2 12.2	1.686 584	1 463	12 35.2
22	18 35 35.22	5 29.89	24 0 24.8	2 57.0	1.685 121	1 500	12 36.7
23	18 41 5.11	5 29.58	23 57 27.8	3 41.6	1.683 621	1 537	12 38.3
24	18 46 34.69	5 29.20	−23 53 46.2	4 25.9	1.682 084	1 573	12 39.8
25	18 52 3.89	5 28.78	23 49 20.3	5 10.3	1.680 511	1 610	12 41.4
26	18 57 32.67	5 28.28	23 44 10.0	5 54.3	1.678 901	1 647	12 42.9
27	19 3 0.95	5 27.73	23 38 15.7	6 38.0	1.677 254	1 683	12 44.4
28	19 8 28.68	5 27.12	23 31 37.7	7 21.5	1.675 571	1 721	12 46.0
29	19 13 55.80	5 26.46	23 24 16.2	8 4.7	1.673 850	1 758	12 47.5
30	19 19 22.26	5 25.75	−23 16 11.5	8 47.6	1.672 092	1 795	12 49.0
31	19 24 48.01	5 24.97	23 7 23.9	9 30.0	1.670 297	1 832	12 50.4
32	19 30 12.98		−22 57 53.9		1.668 465		12 51.9

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942		h m s	m s	° ′ ″	′ ″			h m
Jan.	0	1 29 12.89	1 39.85	+10 9 29.6	11 2.2	0.908 991	9 067	18 51.3
	1	1 30 52.74	1 41.01	10 20 31.8	11 4.5	0.918 058	9 101	18 49.0
	2	1 32 33.75	1 42.12	10 31 36.3	11 6.6	0.927 159	9 134	18 46.8
	3	1 34 15.87	1 43.22	10 42 42.9	11 8.5	0.936 293	9 167	18 44.6
	4	1 35 59.09	1 44.30	10 53 51.4	11 10.2	0.945 460	9 198	18 42.4
	5	1 37 43.39	1 45.35	11 5 1.6	11 11.7	0.954 658	9 228	18 40.2
	6	1 39 28.74	1 46.40	+11 16 13.3	11 13.1	0.963 886	9 260	18 38.0
	7	1 41 15.14	1 47.42	11 27 26.4	11 14.1	0.973 146	9 289	18 35.9
	8	1 43 2.56	1 48.42	11 38 40.5	11 15.1	0.982 435	9 318	18 33.7
	9	1 44 50.98	1 49.42	11 49 55.6	11 15.9	0.991 753	9 346	18 31.6
	10	1 46 40.40	1 50.40	12 1 11.5	11 16.4	1.001 099	9 374	18 29.5
	11	1 48 30.80	1 51.37	12 12 27.9	11 16.9	1.010 473	9 401	18 27.4
	12	1 50 22.17	1 52.32	+12 23 44.8	11 17.1	1.019 874	9 427	18 25.4
	13	1 52 14.49	1 53.28	12 35 1.9	11 17.3	1.029 301	9 452	18 23.3
	14	1 54 7.77	1 54.20	12 46 19.2	11 17.2	1.038 753	9 476	18 21.3
	15	1 56 1.97	1 55.13	12 57 36.4	11 17.0	1.048 229	9 498	18 19.2
	16	1 57 57.10	1 56.04	13 8 53.4	11 16.7	1.057 727	9 520	18 17.2
	17	1 59 53.14	1 56.93	13 20 10.1	11 16.1	1.067 247	9 541	18 15.2
	18	2 1 50.07	1 57.82	+13 31 26.2	11 15.4	1.076 788	9 559	18 13.2
	19	2 3 47.89	1 58.68	13 42 41.6	11 14.5	1.086 347	9 578	18 11.3
	20	2 5 46.57	1 59.53	13 53 56.1	11 13.5	1.095 925	9 594	18 9.3
	21	2 7 46.10	2 0.36	14 5 9.6	11 12.2	1.105 519	9 609	18 7.4
	22	2 9 46.46	2 1.19	14 16 21.8	11 10.8	1.115 128	9 625	18 5.5
	23	2 11 47.65	2 1.98	14 27 32.6	11 9.2	1.124 753	9 639	18 3.6
	24	2 13 49.63	2 2.78	+14 38 41.8	11 7.3	1.134 392	9 651	18 1.7
	25	2 15 52.41	2 3.54	14 49 49.1	11 5.4	1.144 043	9 664	17 59.8
	26	2 17 55.95	2 4.30	15 0 54.5	11 3.3	1.153 707	9 676	17 57.9
	27	2 20 0.25	2 5.05	15 11 57.8	11 1.0	1.163 383	9 687	17 56.0
	28	2 22 5.30	2 5.78	15 22 58.8	10 58.5	1.173 070	9 697	17 54.2
	29	2 24 11.08	2 6.51	15 33 57.3	10 55.9	1.182 767	9 707	17 52.4
	30	2 26 17.59	2 7.21	+15 44 53.2	10 53.0	1.192 474	9 716	17 50.5
	31	2 28 24.80	2 7.92	15 55 46.2	10 50.1	1.202 190	9 725	17 48.7
Febr.	1	2 30 32.72	2 8.60	16 6 36.3	10 47.0	1.211 915	9 733	17 46.9
	2	2 32 41.32	2 9.28	16 17 23.3	10 43.7	1.221 648	9 742	17 45.1
	3	2 34 50.60	2 9.96	16 28 7.0	10 40.3	1.231 390	9 748	17 43.4
	4	2 37 0.56	2 10.62	16 38 47.3	10 36.6	1.241 138	9 756	17 41.6
	5	2 39 11.18	2 11.29	+16 49 23.9	10 33.0	1.250 894	9 763	17 39.8
	6	2 41 22.47	2 11.94	16 59 56.9	10 29.1	1.260 657	9 769	17 38.1
	7	2 43 34.41	2 12.59	17 10 26.0	10 25.2	1.270 426	9 774	17 36.4
	8	2 45 47.00	2 13.23	17 20 51.2	10 21.0	1.280 200	9 779	17 34.6
	9	2 48 0.23	2 13.88	17 31 12.2	10 16.8	1.289 979	9 784	17 32.9
	10	2 50 14.11		+17 41 29.0		1.299 763		17 31.2

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		0ʰ Welt-Zeit: Scheinbare Deklination		0ʰ Welt-Zeit: Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Febr. 10	2 50 14.11	2 14.52	+17 41 29.0	10 12.4	1.299 763	9 787	17 31.2
11	2 52 28.63	2 15.15	17 51 41.4	10 7.9	1.309 550	9 790	17 29.5
12	2 54 43.78	2 15.78	18 1 49.3	10 3.3	1.319 340	9 791	17 27.9
13	2 56 59.56	2 16.41	18 11 52.6	9 58.7	1.329 131	9 792	17 26.2
14	2 59 15.97	2 17.02	18 21 51.3	9 53.7	1.338 923	9 791	17 24.5
15	3 1 32.99	2 17.64	18 31 45.0	9 48.7	1.348 714	9 790	17 22.9
16	3 3 50.63	2 18.24	+18 41 33.7	9 43.6	1.358 504	9 788	17 21.2
17	3 6 8.87	2 18.83	18 51 17.3	9 38.3	1.368 292	9 784	17 19.6
18	3 8 27.70	2 19.41	19 0 55.6	9 32.9	1.378 076	9 779	17 18.0
19	3 10 47.11	2 19.98	19 10 28.5	9 27.4	1.387 855	9 774	17 16.4
20	3 13 7.09	2 20.55	19 19 55.9	9 21.7	1.397 629	9 768	17 14.8
21	3 15 27.64	2 21.10	19 29 17.6	9 15.9	1.407 397	9 761	17 13.2
22	3 17 48.74	2 21.65	+19 38 33.5	9 10.0	1.417 158	9 754	17 11.6
23	3 20 10.39	2 22.18	19 47 43.5	9 3.9	1.426 912	9 746	17 10.0
24	3 22 32.57	2 22.71	19 56 47.4	8 57.7	1.436 658	9 737	17 8.5
25	3 24 55.28	2 23.23	20 5 45.1	8 51.4	1.446 395	9 728	17 6.9
26	3 27 18.51	2 23.73	20 14 36.5	8 44.9	1.456 123	9 718	17 5.4
27	3 29 42.24	2 24.24	20 23 21.4	8 38.3	1.465 841	9 708	17 3.8
28	3 32 6.48	2 24.73	+20 31 59.7	8 31.6	1.475 549	9 698	17 2.3
März 1	3 34 31.21	2 25.21	20 40 31.3	8 24.8	1.485 247	9 687	17 0.8
2	3 36 56.42	2 25.69	20 48 56.1	8 17.8	1.494 934	9 675	16 59.3
3	3 39 22.11	2 26.16	20 57 13.9	8 10.7	1.504 609	9 664	16 57.8
4	3 41 48.27	2 26.63	21 5 24.6	8 3.6	1.514 273	9 653	16 56.3
5	3 44 14.90	2 27.09	21 13 28.2	7 56.3	1.523 926	9 641	16 54.8
6	3 46 41.99	2 27.54	+21 21 24.5	7 48.9	1.533 567	9 628	16 53.3
7	3 49 9.53	2 28.00	21 29 13.4	7 41.5	1.543 195	9 616	16 51.8
8	3 51 37.53	2 28.45	21 36 54.9	7 33.8	1.552 811	9 602	16 50.3
9	3 54 5.98	2 28.89	21 44 28.7	7 26.2	1.562 413	9 589	16 48.9
10	3 56 34.87	2 29.34	21 51 54.9	7 18.5	1.572 002	9 574	16 47.4
11	3 59 4.21	2 29.77	21 59 13.4	7 10.5	1.581 576	9 560	16 46.0
12	4 1 33.98	2 30.21	+22 6 23.9	7 2.6	1.591 136	9 543	16 44.5
13	4 4 4.19	2 30.64	22 13 26.5	6 54.6	1.600 679	9 526	16 43.1
14	4 6 34.83	2 31.06	22 20 21.1	6 46.5	1.610 205	9 509	16 41.7
15	4 9 5.89	2 31.48	22 27 7.6	6 38.2	1.619 714	9 490	16 40.2
16	4 11 37.37	2 31.88	22 33 45.8	6 30.0	1.629 204	9 470	16 38.8
17	4 14 9.25	2 32.28	22 40 15.8	6 21.6	1.638 674	9 450	16 37.4
18	4 16 41.53	2 32.67	+22 46 37.4	6 13.0	1.648 124	9 429	16 36.0
19	4 19 14.20	2 33.06	22 52 50.4	6 4.5	1.657 553	9 407	16 34.6
20	4 21 47.26	2 33.42	22 58 54.9	5 55.9	1.666 960	9 384	16 33.3
21	4 24 20.68	2 33.78	23 4 50.8	5 47.1	1.676 344	9 360	16 31.9
22	4 26 54.46	2 34.14	23 10 37.9	5 38.3	1.685 704	9 337	16 30.5
23	4 29 28.60		+23 16 16.2		1.695 041		16 29.1

Tag	0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
März 23	4 29 28.60	2 34.48	+23 16 16.2	5 29.3	1.695 041	9 312	16 29.1
24	4 32 3.08	2 34.81	23 21 45.5	5 20.4	1.704 353	9 287	16 27.8
25	4 34 37.89	2 35.13	23 27 5.9	5 11.3	1.713 640	9 261	16 26.4
26	4 37 13.02	2 35.44	23 32 17.2	5 2.1	1.722 901	9 236	16 25.1
27	4 39 48.46	2 35.74	23 37 19.3	4 52.8	1.732 137	9 209	16 23.7
28	4 42 24.20	2 36.04	23 42 12.1	4 43.6	1.741 346	9 183	16 22.4
29	4 45 0.24	2 36.32	+23 46 55.7	4 34.2	1.750 529	9 156	16 21.0
30	4 47 36.56	2 36.59	23 51 29.9	4 24.8	1.759 685	9 129	16 19.7
31	4 50 13.15	2 36.86	23 55 54.7	4 15.2	1.768 814	9 101	16 18.4
April 1	4 52 50.01	2 37.12	24 0 9.9	4 5.7	1.777 915	9 075	16 17.0
2	4 55 27.13	2 37.37	24 4 15.6	3 56.0	1.786 990	9 047	16 15.7
3	4 58 4.50	2 37.61	24 8 11.6	3 46.3	1.796 037	9 019	16 14.4
4	5 0 42.11	2 37.85	+24 11 57.9	3 36.5	1.805 056	8 991	16 13.1
5	5 3 19.96	2 38.09	24 15 34.4	3 26.7	1.814 047	8 964	16 11.8
6	5 5 58.05	2 38.31	24 19 1.1	3 16.9	1.823 011	8 935	16 10.5
7	5 8 36.36	2 38.54	24 22 18.0	3 7.0	1.831 946	8 905	16 9.2
8	5 11 14.90	2 38.76	24 25 25.0	2 57.1	1.840 851	8 876	16 7.9
9	5 13 53.66	2 38.97	24 28 22.1	2 47.0	1.849 727	8 845	16 6.6
10	5 16 32.63	2 39.17	+24 31 9.1	2 37.1	1.858 572	8 815	16 5.3
11	5 19 11.80	2 39.37	24 33 46.2	2 27.0	1.867 387	8 782	16 4.0
12	5 21 51.17	2 39.55	24 36 13.2	2 16.9	1.876 169	8 750	16 2.7
13	5 24 30.72	2 39.74	24 38 30.1	2 6.8	1.884 919	8 716	16 1.5
14	5 27 10.46	2 39.91	24 40 36.9	1 56.6	1.893 635	8 682	16 0.2
15	5 29 50.37	2 40.07	24 42 33.5	1 46.4	1.902 317	8 647	15 58.9
16	5 32 30.44	2 40.22	+24 44 19.9	1 36.2	1.910 964	8 611	15 57.6
17	5 35 10.66	2 40.36	24 45 56.1	1 25.9	1.919 575	8 575	15 56.4
18	5 37 51.02	2 40.49	24 47 22.0	1 15.7	1.928 150	8 538	15 55.1
19	5 40 31.51	2 40.61	24 48 37.7	1 5.4	1.936 688	8 501	15 53.8
20	5 43 12.12	2 40.72	24 49 43.1	0 55.0	1.945 189	8 463	15 52.6
21	5 45 52.84	2 40.81	24 50 38.1	0 44.7	1.953 652	8 425	15 51.3
22	5 48 33.65	2 40.90	+24 51 22.8	0 34.3	1.962 077	8 386	15 50.0
23	5 51 14.55	2 40.98	24 51 57.1	0 23.9	1.970 463	8 347	15 48.8
24	5 53 55.53	2 41.04	24 52 21.0	0 13.5	1.978 810	8 308	15 47.5
25	5 56 36.57	2 41.10	24 52 34.5	0 3.1	1.987 118	8 269	15 46.3
26	5 59 17.67	2 41.15	24 52 37.6	0 7.3	1.995 387	8 228	15 45.0
27	6 1 58.82	2 41.18	24 52 30.3	0 17.7	2.003 615	8 189	15 43.8
28	6 4 40.00	2 41.21	+24 52 12.6	0 28.3	2.011 804	8 149	15 42.5
29	6 7 21.21	2 41.22	24 51 44.3	0 38.6	2.019 953	8 109	15 41.3
30	6 10 2.43	2 41.23	24 51 5.7	0 49.1	2.028 062	8 069	15 40.0
Mai 1	6 12 43.66	2 41.24	24 50 16.6	0 59.6	2.036 131	8 029	15 38.7
2	6 15 24.90	2 41.24	24 49 17.0	1 10.0	2.044 160	7 989	15 37.5
3	6 18 6.14		+24 48 7.0		2.052 149		15 36.2

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Mai 3	6 18 6.14	2 41.23	+24 48 7.0	1 20.5	2.052 149	7 949	15 36.2
4	6 20 47.37	2 41.22	24 46 46.5	1 30.9	2.060 098	7 909	15 35.0
5	6 23 28.59	2 41.19	24 45 15.6	1 41.3	2.068 007	7 868	15 33.7
6	6 26 9.78	2 41.18	24 43 34.3	1 51.8	2.075 875	7 827	15 32.5
7	6 28 50.96	2 41.15	24 41 42.5	2 2.1	2.083 702	7 785	15 31.2
8	6 31 32.11	2 41.11	24 39 40.4	2 12.6	2.091 487	7 742	15 30.0
9	6 34 13.22	2 41.07	+24 37 27.8	2 22.9	2.099 229	7 699	15 28.7
10	6 36 54.29	2 41.02	24 35 4.9	2 33.3	2.106 928	7 656	15 27.4
11	6 39 35.31	2 40.96	24 32 31.6	2 43.6	2.114 584	7 612	15 26.2
12	6 42 16.27	2 40.90	24 29 48.0	2 53.9	2.122 196	7 566	15 24.9
13	6 44 57.17	2 40.83	24 26 54.1	3 4.2	2.129 762	7 521	15 23.7
14	6 47 38.00	2 40.75	24 23 49.9	3 14.4	2.137 283	7 474	15 22.4
15	6 50 18.75	2 40.66	+24 20 35.5	3 24.6	2.144 757	7 428	15 21.2
16	6 52 59.41	2 40.57	24 17 10.9	3 34.9	2.152 185	7 381	15 19.9
17	6 55 39.98	2 40.46	24 13 36.0	3 44.9	2.159 566	7 333	15 18.6
18	6 58 20.44	2 40.35	24 9 51.1	3 55.1	2.166 899	7 285	15 17.4
19	7 1 0.79	2 40.23	24 5 56.0	4 5.2	2.174 184	7 236	15 16.1
20	7 3 41.02	2 40.09	24 1 50.8	4 15.3	2.181 420	7 187	15 14.8
21	7 6 21.11	2 39.96	+23 57 35.5	4 25.2	2.188 607	7 138	15 13.5
22	7 9 1.07	2 39.82	23 53 10.3	4 35.2	2.195 745	7 089	15 12.2
23	7 11 40.89	2 39.66	23 48 35.1	4 45.1	2.202 834	7 039	15 11.0
24	7 14 20.55	2 39.50	23 43 50.0	4 55.0	2.209 873	6 990	15 9.7
25	7 17 0.05	2 39.33	23 38 55.0	5 4.8	2.216 863	6 940	15 8.4
26	7 19 39.38	2 39.16	23 33 50.2	5 14.6	2.223 803	6 891	15 7.1
27	7 22 18.54	2 38.98	+23 28 35.6	5 24.4	2.230 694	6 840	15 5.8
28	7 24 57.52	2 38.80	23 23 11.2	5 34.1	2.237 534	6 791	15 4.5
29	7 27 36.32	2 38.60	23 17 37.1	5 43.7	2.244 325	6 742	15 3.2
30	7 30 14.92	2 38.41	23 11 53.4	5 53.3	2.251 067	6 693	15 1.9
31	7 32 53.33	2 38.22	23 6 0.1	6 2.8	2.257 760	6 643	15 0.6
Juni 1	7 35 31.55	2 38.03	22 59 57.3	6 12.3	2.264 403	6 594	14 59.3
2	7 38 9.58	2 37.82	+22 53 45.0	6 21.8	2.270 997	6 544	14 58.0
3	7 40 47.40	2 37.62	22 47 23.2	6 31.2	2.277 541	6 494	14 56.7
4	7 43 25.02	2 37.43	22 40 52.0	6 40.5	2.284 035	6 444	14 55.4
5	7 46 2.45	2 37.22	22 34 11.5	6 49.8	2.290 479	6 393	14 54.1
6	7 48 39.67	2 37.01	22 27 21.7	6 59.0	2.296 872	6 341	14 52.8
7	7 51 16.68	2 36.80	22 20 22.7	7 8.2	2.303 213	6 290	14 51.4
8	7 53 53.48	2 36.59	+22 13 14.5	7 17.3	2.309 503	6 237	14 50.1
9	7 56 30.07	2 36.38	22 5 57.2	7 26.3	2.315 740	6 184	14 48.8
10	7 59 6.45	2 36.16	21 58 30.9	7 35.3	2.321 924	6 130	14 47.4
11	8 1 42.61	2 35.94	21 50 55.6	7 44.1	2.328 054	6 076	14 46.1
12	8 4 18.55	2 35.71	21 43 11.5	7 53.0	2.334 130	6 022	14 44.7
13	8 6 54.26		+21 35 18.5		2.340 152		14 43.4

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Juni 13	8 6 54.26	2 35.48	+21 35 18.5	8 1.8	2.340 152	5 967	14 43.4
14	8 9 29.74	2 35.25	21 27 16.7	8 10.4	2.346 119	5 911	14 42.0
15	8 12 4.99	2 35.01	21 19 6.3	8 19.1	2.352 030	5 856	14 40.7
16	8 14 40.00	2 34.77	21 10 47.2	8 27.6	2.357 886	5 799	14 39.3
17	8 17 14.77	2 34.53	21 2 19.6	8 36.1	2.363 685	5 743	14 38.0
18	8 19 49.30	2 34.28	20 53 43.5	8 44.4	2.369 428	5 687	14 36.6
19	8 22 23.58	2 34.04	+20 44 59.1	8 52.8	2.375 115	5 629	14 35.2
20	8 24 57.62	2 33.78	20 36 6.3	9 1.1	2.380 744	5 573	14 33.8
21	8 27 31.40	2 33.52	20 27 5.2	9 9.2	2.386 317	5 516	14 32.4
22	8 30 4.92	2 33.27	20 17 56.0	9 17.3	2.391 833	5 458	14 31.1
23	8 32 38.19	2 33.00	20 8 38.7	9 25.3	2.397 291	5 402	14 29.7
24	8 35 11.19	2 32.75	19 59 13.4	9 33.3	2.402 693	5 345	14 28.3
25	8 37 43.94	2 32.48	+19 49 40.1	9 41.1	2.408 038	5 288	14 26.9
26	8 40 16.42	2 32.22	19 39 59.0	9 49.0	2.413 326	5 232	14 25.5
27	8 42 48.64	2 31.96	19 30 10.0	9 56.6	2.418 558	5 176	14 24.1
28	8 45 20.60	2 31.70	19 20 13.4	10 4.3	2.423 734	5 120	14 22.7
29	8 47 52.30	2 31.44	19 10 9.1	10 11.9	2.428 854	5 063	14 21.2
30	8 50 23.74	2 31.19	18 59 57.2	10 19.3	2.433 917	5 008	14 19.8
Juli 1	8 52 54.93	2 30.94	+18 49 37.9	10 26.8	2.438 925	4 951	14 18.4
2	8 55 25.87	2 30.69	18 39 11.1	10 34.2	2.443 876	4 895	14 17.0
3	8 57 56.56	2 30.44	18 28 36.9	10 41.4	2.448 771	4 837	14 15.6
4	9 0 27.00	2 30.20	18 17 55.5	10 48.7	2.453 608	4 781	14 14.1
5	9 2 57.20	2 29.96	18 7 6.8	10 55.7	2.458 389	4 722	14 12.7
6	9 5 27.16	2 29.72	17 56 11.1	11 2.8	2.463 111	4 664	14 11.2
7	9 7 56.88	2 29.48	+17 45 8.3	11 9.8	2.467 775	4 606	14 9.8
8	9 10 26.36	2 29.24	17 33 58.5	11 16.7	2.472 381	4 546	14 8.3
9	9 12 55.60	2 29.00	17 22 41.8	11 23.5	2.476 927	4 487	14 6.9
10	9 15 24.60	2 28.77	17 11 18.3	11 30.2	2.481 414	4 426	14 5.4
11	9 17 53.37	2 28.54	16 59 48.1	11 36.9	2.485 840	4 366	14 4.0
12	9 20 21.91	2 28.30	16 48 11.2	11 43.4	2.490 206	4 306	14 2.5
13	9 22 50.21	2 28.07	+16 36 27.8	11 49.8	2.494 512	4 244	14 1.0
14	9 25 18.28	2 27.84	16 24 38.0	11 56.3	2.498 756	4 183	13 59.5
15	9 27 46.12	2 27.61	16 12 41.7	12 2.5	2.502 939	4 121	13 58.0
16	9 30 13.73	2 27.39	16 0 39.2	12 8.7	2.507 060	4 060	13 56.6
17	9 32 41.12	2 27.15	15 48 30.5	12 14.9	2.511 120	3 998	13 55.1
18	9 35 8.27	2 26.93	15 36 15.6	12 20.9	2.515 118	3 935	13 53.6
19	9 37 35.20	2 26.70	+15 23 54.7	12 26.9	2.519 053	3 874	13 52.1
20	9 40 1.90	2 26.48	15 11 27.8	12 32.7	2.522 927	3 811	13 50.6
21	9 42 28.38	2 26.25	14 58 55.1	12 38.5	2.526 738	3 750	13 49.1
22	9 44 54.63	2 26.04	14 46 16.6	12 44.1	2.530 488	3 688	13 47.6
23	9 47 20.67	2 25.81	14 33 32.5	12 49.7	2.534 176	3 627	13 46.1
24	9 49 46.48		+14 20 42.8		2.537 803		13 44.6

Tag		0h Welt-Zeit Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Δ	Diff.	Obere Kulmination in Greenwich
1942		h m s	m s	° ′ ″	′ ″			h m
Juli	24	9 49 46.48	2 25.61	+14 20 42.8	12 55.3	2.537 803	3 565	13 44.6
	25	9 52 12.09	2 25.39	14 7 47.5	13 0.7	2.541 368	3 504	13 43.0
	26	9 54 37.48	2 25.19	13 54 46.8	13 6.0	2.544 872	3 444	13 41.5
	27	9 57 2.67	2 24.99	13 41 40.8	13 11.3	2.548 316	3 383	13 40.0
	28	9 59 27.66	2 24.80	13 28 29.5	13 16.6	2.551 699	3 323	13 38.5
	29	10 1 52.46	2 24.61	13 15 12.9	13 21.6	2.555 022	3 263	13 37.0
	30	10 4 17.07	2 24.43	+13 1 51.3	13 26.7	2.558 285	3 202	13 35.4
	31	10 6 41.50	2 24.25	12 48 24.6	13 31.7	2.561 487	3 141	13 33.9
Aug.	1	10 9 5.75	2 24.09	12 34 52.9	13 36.5	2.564 628	3 079	13 32.4
	2	10 11 29.84	2 23.92	12 21 16.4	13 41.4	2.567 707	3 019	13 30.8
	3	10 13 53.76	2 23.76	12 7 35.0	13 46.1	2.570 726	2 956	13 29.3
	4	10 16 17.52	2 23.60	11 53 48.9	13 50.7	2.573 682	2 894	13 27.7
	5	10 18 41.12	2 23.46	+11 39 58.2	13 55.4	2.576 576	2 832	13 26.2
	6	10 21 4.58	2 23.31	11 26 2.8	13 59.8	2.579 408	2 769	13 24.6
	7	10 23 27.89	2 23.17	11 12 3.0	14 4.2	2.582 177	2 705	13 23.1
	8	10 25 51.06	2 23.04	10 57 58.8	14 8.5	2.584 882	2 642	13 21.5
	9	10 28 14.10	2 22.90	10 43 50.3	14 12.7	2.587 524	2 578	13 19.9
	10	10 30 37.00	2 22.77	10 29 37.6	14 16.8	2.590 102	2 514	13 18.4
	11	10 32 59.77	2 22.65	+10 15 20.8	14 20.9	2.592 616	2 449	13 16.8
	12	10 35 22.42	2 22.53	10 0 59.9	14 24.9	2.595 065	2 385	13 15.3
	13	10 37 44.95	2 22.41	9 46 35.0	14 28.8	2.597 450	2 320	13 13.7
	14	10 40 7.36	2 22.30	9 32 6.2	14 32.4	2.599 770	2 255	13 12.1
	15	10 42 29.66	2 22.18	9 17 33.8	14 36.2	2.602 025	2 190	13 10.6
	16	10 44 51.84	2 22.08	9 2 57.6	14 39.7	2.604 215	2 126	13 9.0
	17	10 47 13.92	2 21.98	+ 8 48 17.9	14 43.3	2.606 341	2 060	13 7.4
	18	10 49 35.90	2 21.88	8 33 34.6	14 46.7	2.608 401	1 996	13 5.8
	19	10 51 57.78	2 21.79	8 18 47.9	14 50.0	2.610 397	1 932	13 4.3
	20	10 54 19.57	2 21.70	8 3 57.9	14 53.2	2.612 329	1 868	13 2.7
	21	10 56 41.27	2 21.61	7 49 4.7	14 56.3	2.614 197	1 804	13 1.1
	22	10 59 2.88	2 21.54	7 34 8.4	14 59.4	2.616 001	1 741	12 59.5
	23	11 1 24.42	2 21.47	+ 7 19 9.0	15 2.4	2.617 742	1 678	12 57.9
	24	11 3 45.89	2 21.40	7 4 6.6	15 5.3	2.619 420	1 615	12 56.3
	25	11 6 7.29	2 21.35	6 49 1.3	15 8.1	2.621 035	1 553	12 54.8
	26	11 8 28.64	2 21.29	6 33 53.2	15 10.8	2.622 588	1 490	12 53.2
	27	11 10 49.93	2 21.26	6 18 42.4	15 13.4	2.624 078	1 427	12 51.6
	28	11 13 11.19	2 21.22	6 3 29.0	15 16.1	2.625 505	1 366	12 50.0
	29	11 15 32.41	2 21.20	+ 5 48 12.9	15 18.5	2.626 871	1 302	12 48.4
	30	11 17 53.61	2 21.18	5 32 54.4	15 21.0	2.628 173	1 240	12 46.8
	31	11 20 14.79	2 21.17	5 17 33.4	15 23.3	2.629 413	1 177	12 45.3
Sept.	1	11 22 35.96	2 21.17	5 2 10.1	15 25.5	2.630 590	1 113	12 43.7
	2	11 24 57.13	2 21.17	4 46 44.6	15 27.8	2.631 703	1 050	12 42.1
	3	11 27 18.30		+ 4 31 16.8		2.632 753		12 40.5

Tag	0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Sept. 3	11 27 18.30	2 21.17	+4 31 16.8	15 29.8	2.632 753	986	12 40.5
4	11 29 39.47	2 21.20	4 15 47.0	15 31.8	2.633 739	922	12 38.9
5	11 32 0.67	2 21.21	4 0 15.2	15 33.6	2.634 661	858	12 37.3
6	11 34 21.88	2 21.24	3 44 41.6	15 35.6	2.635 519	793	12 35.7
7	11 36 43.12	2 21.27	3 29 6.0	15 37.2	2.636 312	728	12 34.1
8	11 39 4.39	2 21.31	3 13 28.8	15 38.8	2.637 040	663	12 32.6
9	11 41 25.70	2 21.35	+2 57 50.0	15 40.4	2.637 703	598	12 31.0
10	11 43 47.05	2 21.40	2 42 9.6	15 41.8	2.638 301	533	12 29.4
11	11 46 8.45	2 21.46	2 26 27.8	15 43.2	2.638 834	468	12 27.8
12	11 48 29.91	2 21.51	2 10 44.6	15 44.4	2.639 302	402	12 26.2
13	11 50 51.42	2 21.58	1 55 0.2	15 45.5	2.639 704	337	12 24.6
14	11 53 13.00	2 21.64	1 39 14.7	15 46.6	2.640 041	273	12 23.0
15	11 55 34.64	2 21.72	+1 23 28.1	15 47.5	2.640 314	207	12 21.5
16	11 57 56.36	2 21.79	1 7 40.6	15 48.3	2.640 521	144	12 19.9
17	12 0 18.15	2 21.88	0 51 52.3	15 49.1	2.640 665	79	12 18.3
18	12 2 40.03	2 21.97	0 36 3.2	15 49.7	2.640 744	16	12 16.7
19	12 5 2.00	2 22.07	0 20 13.5	15 50.3	2.640 760	$\overline{48}$	12 15.1
20	12 7 24.07	2 22.17	+0 4 23.2	15 50.8	2.640 712	110	12 13.6
21	12 9 46.24	2 22.29	−0 11 27.6	15 51.1	2.640 602	172	12 12.0
22	12 12 8.53	2 22.40	0 27 18.7	15 51.5	2.640 430	234	12 10.4
23	12 14 30.93	2 22.54	0 43 10.2	15 51.6	2.640 196	296	12 8.9
24	12 16 53.47	2 22.67	0 59 1.8	15 51.7	2.639 900	358	12 7.3
25	12 19 16.14	2 22.82	1 14 53.5	15 51.7	2.639 542	419	12 5.8
26	12 21 38.96	2 22.97	1 30 45.2	15 51.7	2.639 123	480	12 4.2
27	12 24 1.93	2 23.14	−1 46 36.9	15 51.5	2.638 643	542	12 2.7
28	12 26 25.07	2 23.30	2 2 28.4	15 51.3	2.638 101	603	12 1.1
29	12 28 48.37	2 23.49	2 18 19.7	15 50.9	2.637 498	665	11 59.5
30	12 31 11.86	2 23.67	2 34 10.6	15 50.4	2.636 833	726	11 58.0
Okt. 1	12 33 35.53	2 23.86	2 50 1.0	15 50.0	2.636 107	789	11 56.5
2	12 35 59.39	2 24.06	3 5 51.0	15 49.3	2.635 318	850	11 54.9
3	12 38 23.45	2 24.27	−3 21 40.3	15 48.5	2.634 468	913	11 53.4
4	12 40 47.72	2 24.48	3 37 28.8	15 47.7	2.633 555	975	11 51.8
5	12 43 12.20	2 24.70	3 53 16.5	15 46.8	2.632 580	1 037	11 50.3
6	12 45 36.90	2 24.93	4 9 3.3	15 45.8	2.631 543	1 099	11 48.8
7	12 48 1.83	2 25.16	4 24 49.1	15 44.6	2.630 444	1 163	11 47.2
8	12 50 26.99	2 25.39	4 40 33.7	15 43.3	2.629 281	1 225	11 45.7
9	12 52 52.38	2 25.64	−4 56 17.0	15 41.9	2.628 056	1 287	11 44.2
10	12 55 18.02	2 25.89	5 11 58.9	15 40.5	2.626 769	1 350	11 42.7
11	12 57 43.91	2 26.13	5 27 39.4	15 38.8	2.625 419	1 412	11 41.2
12	13 0 10.04	2 26.40	5 43 18.2	15 37.1	2.624 007	1 475	11 39.7
13	13 2 36.44	2 26.66	5 58 55.3	15 35.3	2.622 532	1 536	11 38.2
14	13 5 3.10		−6 14 30.6		2.620 996		11 36.7

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	m s	° ′ ″	′ ″			h m
Okt. 14	13 5 3.10	2 26.92	— 6 14 30.6	15 33.4	2.620 996	1 597	11 36.7
15	13 7 30.02	2 27.20	6 30 4.0	15 31.2	2.619 399	1 658	11 35.2
16	13 9 57.22	2 27.48	6 45 35.2	15 29.1	2.617 741	1 718	11 33.7
17	13 12 24.70	2 27.77	7 1 4.3	15 26.8	2.616 023	1 778	11 32.2
18	13 14 52.47	2 28.05	7 16 31.1	15 24.4	2.614 245	1 837	11 30.8
19	13 17 20.52	2 28.36	7 31 55.5	15 21.9	2.612 408	1 895	11 29.3
20	13 19 48.88	2 28.66	— 7 47 17.4	15 19.2	2.610 513	1 954	11 27.8
21	13 22 17.54	2 28.98	8 2 36.6	15 16.5	2.608 559	2 011	11 26.4
22	13 24 46.52	2 29.31	8 17 53.1	15 13.7	2.606 548	2 068	11 24.9
23	13 27 15.83	2 29.64	8 33 6.8	15 10.7	2.604 480	2 126	11 23.5
24	13 29 45.47	2 29.98	8 48 17.5	15 7.7	2.602 354	2 182	11 22.0
25	13 32 15.45	2 30.32	9 3 25.2	15 4.5	2.600 172	2 239	11 20.6
26	13 34 45.77	2 30.68	— 9 18 29.7	15 1.2	2.597 933	2 295	11 19.2
27	13 37 16.45	2 31.04	9 33 30.9	14 57.9	2.595 638	2 352	11 17.7
28	13 39 47.49	2 31.42	9 48 28.8	14 54.4	2.593 286	2 408	11 16.3
29	13 42 18.91	2 31.79	10 3 23.2	14 50.7	2.590 878	2 465	11 14.9
30	13 44 50.70	2 32.17	10 18 13.9	14 47.0	2.588 413	2 521	11 13.5
31	13 47 22.87	2 32.56	10 33 0.9	14 43.1	2.585 892	2 577	11 12.1
Nov. 1	13 49 55.43	2 32.95	—10 47 44.0	14 39.2	2.583 315	2 634	11 10.7
2	13 52 28.38	2 33.36	11 2 23.2	14 35.0	2.580 681	2 691	11 9.3
3	13 55 1.74	2 33.76	11 16 58.2	14 30.9	2.577 990	2 746	11 7.9
4	13 57 35.50	2 34.18	11 31 29.1	14 26.4	2.575 244	2 802	11 6.5
5	14 0 9.68	2 34.59	11 45 55.5	14 22.0	2.572 442	2 859	11 5.2
6	14 2 44.27	2 35.00	12 0 17.5	14 17.4	2.569 583	2 915	11 3.8
7	14 5 19.27	2 35.43	—12 14 34.9	14 12.7	2.566 668	2 972	11 2.4
8	14 7 54.70	2 35.86	12 28 47.6	14 7.7	2.563 696	3 027	11 1.1
9	14 10 30.56	2 36.29	12 42 55.3	14 2.7	2.560 669	3 082	10 59.8
10	14 13 6.85	2 36.72	12 56 58.0	13 57.6	2.557 587	3 137	10 58.4
11	14 15 43.57	2 37.16	13 10 55.6	13 52.3	2.554 450	3 192	10 57.1
12	14 18 20.73	2 37.60	13 24 47.9	13 46.8	2.551 258	3 245	10 55.8
13	14 20 58.33	2 38.04	—13 38 34.7	13 41.3	2.548 013	3 299	10 54.5
14	14 23 36.37	2 38.48	13 52 16.0	13 35.5	2.544 714	3 351	10 53.2
15	14 26 14.85	2 38.94	14 5 51.5	13 29.7	2.541 363	3 402	10 51.9
16	14 28 53.79	2 39.40	14 19 21.2	13 23.8	2.537 961	3 454	10 50.6
17	14 31 33.19	2 39.86	14 32 45.0	13 17.6	2.534 507	3 503	10 49.3
18	14 34 13.05	2 40.33	14 46 2.6	13 11.4	2.531 004	3 554	10 48.0
19	14 36 53.38	2 40.79	—14 59 14.0	13 5.0	2.527 450	3 603	10 46.8
20	14 39 34.17	2 41.28	15 12 19.0	12 58.5	2.523 847	3 651	10 45.5
21	14 42 15.45	2 41.77	15 25 17.5	12 51.9	2.520 196	3 700	10 44.2
22	14 44 57.22	2 42.25	15 38 9.4	12 45.2	2.516 496	3 748	10 43.0
23	14 47 39.47	2 42.74	15 50 54.6	12 38.2	2.512 748	3 795	10 41.8
24	14 50 22.21		—16 3 32.8		2.508 953		10 40.5

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942		h m s	m s	° ′ ″	′ ″			h m
Nov.	24	14 50 22.21	2 43.24	−16 3 32.8	12 31.3	2.508 953	3 843	10 40.5
	25	14 53 5.45	2 43.75	16 16 4.1	12 24.1	2.505 110	3 891	10 39.3
	26	14 55 49.20	2 44.25	16 28 28.2	12 16.8	2.501 219	3 937	10 38.1
	27	14 58 33.45	2 44.75	16 40 45.0	12 9.4	2.497 282	3 984	10 36.9
	28	15 1 18.20	2 45.27	16 52 54.4	12 1.8	2.493 298	4 031	10 35.7
	29	15 4 3.47	2 45.79	17 4 56.2	11 54.1	2.489 267	4 077	10 34.6
	30	15 6 49.26	2 46.30	−17 16 50.3	11 46.3	2.485 190	4 124	10 33.4
Dez.	1	15 9 35.56	2 46.82	17 28 36.6	11 38.3	2.481 066	4 169	10 32.2
	2	15 12 22.38	2 47.34	17 40 14.9	11 30.2	2.476 897	4 216	10 31.0
	3	15 15 9.72	2 47.86	17 51 45.1	11 21.9	2.472 681	4 262	10 29.9
	4	15 17 57.58	2 48.37	18 3 7.0	11 13.6	2.468 419	4 307	10 28.8
	5	15 20 45.95	2 48.90	18 14 20.6	11 5.0	2.464 112	4 353	10 27.6
	6	15 23 34.85	2 49.42	−18 25 25.6	10 56.3	2.459 759	4 398	10 26.5
	7	15 26 24.27	2 49.93	18 36 21.9	10 47.4	2.455 361	4 443	10 25.4
	8	15 29 14.20	2 50.44	18 47 9.3	10 38.5	2.450 918	4 488	10 24.3
	9	15 32 4.64	2 50.96	18 57 47.8	10 29.3	2.446 430	4 531	10 23.2
	10	15 34 55.60	2 51.47	19 8 17.1	10 20.1	2.441 899	4 573	10 22.1
	11	15 37 47.07	2 51.97	19 18 37.2	10 10.6	2.437 326	4 616	10 21.0
	12	15 40 39.04	2 52.48	−19 28 47.8	10 1.1	2.432 710	4 658	10 20.0
	13	15 43 31.52	2 52.98	19 38 48.9	9 51.3	2.428 052	4 697	10 18.9
	14	15 46 24.50	2 53.49	19 48 40.2	9 41.4	2.423 355	4 738	10 17.8
	15	15 49 17.99	2 53.99	19 58 21.6	9 31.5	2.418 617	4 776	10 16.8
	16	15 52 11.98	2 54.49	20 7 53.1	9 21.4	2.413 841	4 814	10 15.8
	17	15 55 6.47	2 54.99	20 17 14.5	9 11.2	2.409 027	4 852	10 14.7
	18	15 58 1.46	2 55.50	−20 26 25.7	9 0.7	2.404 175	4 888	10 13.7
	19	16 0 56.96	2 55.99	20 35 26.4	8 50.2	2.399 287	4 925	10 12.7
	20	16 3 52.95	2 56.49	20 44 16.6	8 39.6	2.394 362	4 960	10 11.7
	21	16 6 49.44	2 56.99	20 52 56.2	8 28.8	2.389 402	4 996	10 10.7
	22	16 9 46.43	2 57.48	21 1 25.0	8 17.9	2.384 406	5 031	10 9.7
	23	16 12 43.91	2 57.98	21 9 42.9	8 6.9	2.379 375	5 065	10 8.7
	24	16 15 41.89	2 58.46	−21 17 49.8	7 55.7	2.374 310	5 099	10 7.7
	25	16 18 40.35	2 58.95	21 25 45.5	7 44.5	2.369 211	5 133	10 6.8
	26	16 21 39.30	2 59.43	21 33 30.0	7 33.1	2.364 078	5 166	10 5.8
	27	16 24 38.73	2 59.91	21 41 3.1	7 21.5	2.358 912	5 200	10 4.9
	28	16 27 38.64	3 0.38	21 48 24.6	7 9.9	2.353 712	5 232	10 3.9
	29	16 30 39.02	3 0.85	21 55 34.5	6 58.1	2.348 480	5 265	10 3.0
	30	16 33 39.87	3 1.31	−22 2 32.6	6 46.2	2.343 215	5 298	10 2.1
	31	16 36 41.18	3 1.77	22 9 18.8	6 34.3	2.337 917	5 330	10 1.1
	32	16 39 42.95		−22 15 53.1		2.332 587		10 0.2

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942		h m s	s	° ′ ″	″			h m
Jan.	0	4 48 53.66	28.24	+21 50 52.3	36.5	4.176 506	7 346	22 8.7
	1	4 48 25.42	27.67	21 50 15.8	35.7	4.183 852	7 622	22 4.3
	2	4 47 57.75	27.07	21 49 40.1	35.0	4.191 474	7 895	21 59.9
	3	4 47 30.68	26.45	21 49 5.1	34.1	4.199 369	8 164	21 55.6
	4	4 47 4.23	25.83	21 48 31.0	33.0	4.207 533	8 429	21 51.2
	5	4 46 38.40	25.18	21 47 58.0	32.2	4.215 962	8 693	21 46.9
	6	4 46 13.22	24.52	+21 47 25.8	31.1	4.224 655	8 952	21 42.5
	7	4 45 48.70	23.84	21 46 54.7	30.1	4.233 607	9 207	21 38.2
	8	4 45 24.86	23.15	21 46 24.6	28.9	4.242 814	9 460	21 33.9
	9	4 45 1.71	22.45	21 45 55.7	27.9	4.252 274	9 708	21 29.6
	10	4 44 39.26	21.72	21 45 27.8	26.7	4.261 982	9 953	21 25.3
	11	4 44 17.54	20.98	21 45 1.1	25.5	4.271 935	10 194	21 21.0
	12	4 43 56.56	20.24	+21 44 35.6	24.3	4.282 129	10 431	21 16.7
	13	4 43 36.32	19.47	21 44 11.3	23.0	4.292 560	10 665	21 12.5
	14	4 43 16.85	18.70	21 43 48.3	21.6	4.303 225	10 891	21 8.2
	15	4 42 58.15	17.92	21 43 26.7	20.3	4.314 116	11 117	21 4.0
	16	4 42 40.23	17.11	21 43 6.4	18.9	4.325 233	11 336	20 59.8
	17	4 42 23.12	16.30	21 42 47.5	17.5	4.336 569	11 550	20 55.6
	18	4 42 6.82	15.49	+21 42 30.0	16.1	4.348 119	11 761	20 51.4
	19	4 41 51.33	14.66	21 42 13.9	14.5	4.359 880	11 964	20 47.2
	20	4 41 36.67	13.83	21 41 59.4	13.1	4.371 844	12 164	20 43.0
	21	4 41 22.84	12.99	21 41 46.3	11.5	4.384 008	12 358	20 38.9
	22	4 41 9.85	12.14	21 41 34.8	10.0	4.396 366	12 547	20 34.8
	23	4 40 57.71	11.29	21 41 24.8	8.5	4.408 913	12 733	20 30.6
	24	4 40 46.42	10.43	+21 41 16.3	6.8	4.421 646	12 910	20 26.5
	25	4 40 35.99	9.58	21 41 9.5	5.2	4.434 556	13 084	20 22.4
	26	4 40 26.41	8.72	21 41 4.3	3.7	4.447 640	13 254	20 18.4
	27	4 40 17.69	7.85	21 41 0.6	2.0	4.460 894	13 418	20 14.3
	28	4 40 9.84	6.99	21 40 58.6	0.3	4.474 312	13 577	20 10.3
	29	4 40 2.85	6.11	21 40 58.3	1.3	4.487 889	13 731	20 6.2
	30	4 39 56.74	5.26	+21 40 59.6	2.8	4.501 620	13 881	20 2.2
	31	4 39 51.48	4.38	21 41 2.4	4.6	4.515 501	14 026	19 58.2
Febr.	1	4 39 47.10	3.52	21 41 7.0	6.2	4.529 527	14 167	19 54.2
	2	4 39 43.58	2.65	21 41 13.2	7.8	4.543 694	14 301	19 50.2
	3	4 39 40.93	1.78	21 41 21.0	9.5	4.557 995	14 432	19 46.2
	4	4 39 39.15	0.91	21 41 30.5	11.1	4.572 427	14 560	19 42.3
	5	4 39 38.24	0.05	+21 41 41.6	12.7	4.586 987	14 681	19 38.4
	6	4 39 38.19	0.82	21 41 54.3	14.3	4.601 668	14 798	19 34.4
	7	4 39 39.01	1.68	21 42 8.6	16.0	4.616 466	14 911	19 30.5
	8	4 39 40.69	2.55	21 42 24.6	17.6	4.631 377	15 020	19 26.6
	9	4 39 43.24	3.41	21 42 42.2	19.2	4.646 397	15 123	19 22.8
	10	4 39 46.65		+21 43 1.4		4.661 520		19 18.9

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942		h m s	s	° ′ ″	″			h m
Febr.	10	4 39 46.65	4.27	+21 43 1.4	20.8	4.661 520	15 222	19 18.9
	11	4 39 50.92	5.13	21 43 22.2	22.3	4.676 742	15 315	19 15.1
	12	4 39 56.05	5.99	21 43 44.5	24.0	4.692 057	15 405	19 11.2
	13	4 40 2.04	6.84	21 44 8.5	25.5	4.707 462	15 488	19 7.4
	14	4 40 8.88	7.70	21 44 34.0	27.0	4.722 950	15 567	19 3.6
	15	4 40 16.58	8.54	21 45 1.0	28.6	4.738 517	15 642	18 59.8
	16	4 40 25.12	9.39	+21 45 29.6	30.1	4.754 159	15 710	18 56.0
	17	4 40 34.51	10.23	21 45 59.7	31.6	4.769 869	15 774	18 52.2
	18	4 40 44.74	11.06	21 46 31.3	33.1	4.785 643	15 832	18 48.5
	19	4 40 55.80	11.89	21 47 4.4	34.5	4.801 475	15 886	18 44.8
	20	4 41 7.69	12.70	21 47 38.9	36.0	4.817 361	15 935	18 41.0
	21	4 41 20.39	13.53	21 48 14.9	37.3	4.833 296	15 980	18 37.3
	22	4 41 33.92	14.33	+21 48 52.2	38.8	4.849 276	16 019	18 33.6
	23	4 41 48.25	15.14	21 49 31.0	40.1	4.865 295	16 055	18 29.9
	24	4 42 3.39	15.93	21 50 11.1	41.4	4.881 350	16 087	18 26.3
	25	4 42 19.32	16.72	21 50 52.5	42.8	4.897 437	16 112	18 22.6
	26	4 42 36.04	17.50	21 51 35.3	43.9	4.913 549	16 134	18 19.0
	27	4 42 53.54	18.27	21 52 19.2	45.2	4.929 683	16 152	18 15.3
	28	4 43 11.81	19.03	+21 53 4.4	46.4	4.945 835	16 167	18 11.7
März	1	4 43 30.84	19.80	21 53 50.8	47.6	4.962 002	16 178	18 8.1
	2	4 43 50.64	20.54	21 54 38.4	48.8	4.978 180	16 182	18 4.5
	3	4 44 11.18	21.29	21 55 27.2	49.8	4.994 362	16 186	18 0.9
	4	4 44 32.47	22.02	21 56 17.0	50.9	5.010 548	16 185	17 57.4
	5	4 44 54.49	22.75	21 57 7.9	51.9	5.026 733	16 180	17 53.8
	6	4 45 17.24	23.47	+21 57 59.8	53.0	5.042 913	16 172	17 50.3
	7	4 45 40.71	24.19	21 58 52.8	53.9	5.059 085	16 160	17 46.7
	8	4 46 4.90	24.91	21 59 46.7	54.9	5.075 245	16 144	17 43.2
	9	4 46 29.81	25.60	22 0 41.6	55.7	5.091 389	16 125	17 39.7
	10	4 46 55.41	26.29	22 1 37.3	56.6	5.107 514	16 102	17 36.2
	11	4 47 21.70	26.99	22 2 33.9	57.4	5.123 616	16 076	17 32.7
	12	4 47 48.69	27.67	+22 3 31.3	58.3	5.139 692	16 044	17 29.2
	13	4 48 16.36	28.35	22 4 29.6	59.0	5.155 736	16 009	17 25.8
	14	4 48 44.71	29.02	22 5 28.6	59.8	5.171 745	15 971	17 22.3
	15	4 49 13.73	29.68	22 6 28.4	60.4	5.187 716	15 929	17 18.9
	16	4 49 43.41	30.33	22 7 28.8	61.1	5.203 645	15 881	17 15.4
	17	4 50 13.74	30.98	22 8 29.9	61.8	5.219 526	15 832	17 12.0
	18	4 50 44.72	31.61	+22 9 31.7	62.4	5.235 358	15 778	17 8.6
	19	4 51 16.33	32.24	22 10 34.1	62.9	5.251 136	15 720	17 5.2
	20	4 51 48.57	32.87	22 11 37.0	63.4	5.266 856	15 659	17 1.8
	21	4 52 21.44	33.47	22 12 40.4	63.9	5.282 515	15 594	16 58.4
	22	4 52 54.91	34.08	22 13 44.3	64.3	5.298 109	15 526	16 55.1
	23	4 53 28.99		+22 14 48.6		5.313 635		16 51.7

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: Δ		Obere Kulmination in Greenwich
1942	h m s	s	° ′ ″	′ ″			h m
März 23	4 53 28.99	34.67	+22 14 48.6	1 4.8	5.313 635	15 456	16 51.7
24	4 54 3.66	35.25	22 15 53.4	1 5.2	5.329 091	15 381	16 48.4
25	4 54 38.91	35.83	22 16 58.6	1 5.4	5.344 472	15 302	16 45.0
26	4 55 14.74	36.40	22 18 4.0	1 5.8	5.359 774	15 224	16 41.7
27	4 55 51.14	36.96	22 19 9.8	1 6.0	5.374 998	15 140	16 38.4
28	4 56 28.10	37.51	22 20 15.8	1 6.2	5.390 138	15 055	16 35.1
29	4 57 5.61	38.06	+22 21 22.0	1 6.4	5.405 193	14 966	16 31.8
30	4 57 43.67	38.58	22 22 28.4	1 6.6	5.420 159	14 875	16 28.5
31	4 58 22.25	39.11	22 23 35.0	1 6.7	5.435 034	14 782	16 25.2
April 1	4 59 1.36	39.64	22 24 41.7	1 6.7	5.449 816	14 686	16 21.9
2	4 59 41.00	40.14	22 25 48.4	1 6.7	5.464 502	14 588	16 18.6
3	5 0 21.14	40.65	22 26 55.1	1 6.8	5.479 090	14 489	16 15.4
4	5 1 1.79	41.14	+22 28 1.9	1 6.7	5.493 579	14 385	16 12.1
5	5 1 42.93	41.63	22 29 8.6	1 6.6	5.507 964	14 280	16 8.9
6	5 2 24.56	42.13	22 30 15.2	1 6.6	5.522 244	14 173	16 5.6
7	5 3 6.69	42.60	22 31 21.8	1 6.4	5.536 417	14 063	16 2.4
8	5 3 49.29	43.07	22 32 28.2	1 6.3	5.550 480	13 950	15 59.2
9	5 4 32.36	43.53	22 33 34.5	1 6.0	5.564 430	13 835	15 56.0
10	5 5 15.89	44.00	+22 34 40.5	1 5.9	5.578 265	13 716	15 52.8
11	5 5 59.89	44.44	22 35 46.4	1 5.5	5.591 981	13 596	15 49.6
12	5 6 44.33	44.89	22 36 51.9	1 5.2	5.605 577	13 473	15 46.4
13	5 7 29.22	45.33	22 37 57.1	1 5.0	5.619 050	13 346	15 43.2
14	5 8 14.55	45.75	22 39 2.1	1 4.6	5.632 396	13 218	15 40.0
15	5 9 0.30	46.18	22 40 6.7	1 4.2	5.645 614	13 087	15 36.9
16	5 9 46.48	46.59	+22 41 10.9	1 3.8	5.658 701	12 954	15 33.7
17	5 10 33.07	46.99	22 42 14.7	1 3.4	5.671 655	12 818	15 30.5
18	5 11 20.06	47.40	22 43 18.1	1 2.8	5.684 473	12 680	15 27.4
19	5 12 7.46	47.78	22 44 20.9	1 2.4	5.697 153	12 540	15 24.2
20	5 12 55.24	48.16	22 45 23.3	1 1.9	5.709 693	12 399	15 21.1
21	5 13 43.40	48.54	22 46 25.2	1 1.2	5.722 092	12 254	15 18.0
22	5 14 31.94	48.91	+22 47 26.4	1 0.6	5.734 346	12 110	15 14.9
23	5 15 20.85	49.27	22 48 27.0	1 0.1	5.746 456	11 961	15 11.7
24	5 16 10.12	49.61	22 49 27.1	0 59.3	5.758 417	11 813	15 8.6
25	5 16 59.73	49.96	22 50 26.4	0 58.7	5.770 230	11 662	15 5.5
26	5 17 49.69	50.30	22 51 25.1	0 58.0	5.781 892	11 510	15 2.4
27	5 18 39.99	50.63	22 52 23.1	0 57.2	5.793 402	11 357	14 59.3
28	5 19 30.62	50.95	+22 53 20.3	0 56.5	5.804 759	11 202	14 56.3
29	5 20 21.57	51.27	22 54 16.8	0 55.6	5.815 961	11 046	14 53.2
30	5 21 12.84	51.58	22 55 12.4	0 54.9	5.827 007	10 889	14 50.1
Mai 1	5 22 4.42	51.88	22 56 7.3	0 54.0	5.837 896	10 730	14 47.0
2	5 22 56.30	52.18	22 57 1.3	0 53.1	5.848 626	10 571	14 43.9
3	5 23 48.48		+22 57 54.4		5.859 197		14 40.9

Tag	Scheinbare Rektaszension (0h Welt-Zeit)		Scheinbare Deklination (0h Welt-Zeit)		Δ (0h Welt-Zeit)		Obere Kulmination in Greenwich
1942	h m s	s	° ′ ″	″			h m
Mai 3	5 23 48.48	52.48	+22 57 54.4	52.3	5.859 197	10 411	14 40.9
4	5 24 40.96	52.76	22 58 46.7	51.3	5.869 608	10 248	14 37.8
5	5 25 33.72	53.04	22 59 38.0	50.4	5.879 856	10 083	14 34.8
6	5 26 26.76	53.33	23 0 28.4	49.4	5.889 939	9 919	14 31.7
7	5 27 20.09	53.59	23 1 17.8	48.5	5.899 858	9 751	14 28.7
8	5 28 13.68	53.86	23 2 6.3	47.5	5.909 609	9 583	14 25.6
9	5 29 7.54	54.12	+23 2 53.8	46.4	5.919 192	9 412	14 22.6
10	5 30 1.66	54.38	23 3 40.2	45.4	5.928 604	9 240	14 19.6
11	5 30 56.04	54.62	23 4 25.6	44.4	5.937 844	9 066	14 16.6
12	5 31 50.66	54.86	23 5 10.0	43.3	5.946 910	8 891	14 13.5
13	5 32 45.52	55.10	23 5 53.3	42.2	5.955 801	8 715	14 10.5
14	5 33 40.62	55.32	23 6 35.5	41.1	5.964 516	8 537	14 7.5
15	5 34 35.94	55.55	+23 7 16.6	40.0	5.973 053	8 358	14 4.5
16	5 35 31.49	55.76	23 7 56.6	38.9	5.981 411	8 176	14 1.5
17	5 36 27.25	55.97	23 8 35.5	37.6	5.989 587	7 996	13 58.5
18	5 37 23.22	56.17	23 9 13.1	36.5	5.997 583	7 813	13 55.5
19	5 38 19.39	56.36	23 9 49.6	35.3	6.005 396	7 630	13 52.5
20	5 39 15.75	56.55	23 10 24.9	34.1	6.013 026	7 445	13 49.5
21	5 40 12.30	56.74	+23 10 59.0	32.9	6.020 471	7 259	13 46.5
22	5 41 9.04	56.90	23 11 31.9	31.6	6.027 730	7 074	13 43.5
23	5 42 5.94	57.08	23 12 3.5	30.4	6.034 804	6 887	13 40.5
24	5 43 3.02	57.24	23 12 33.9	29.0	6.041 691	6 700	13 37.5
25	5 44 0.26	57.40	23 13 2.9	27.9	6.048 391	6 512	13 34.5
26	5 44 57.66	57.54	23 13 30.8	26.5	6.054 903	6 324	13 31.5
27	5 45 55.20	57.69	+23 13 57.3	25.2	6.061 227	6 136	13 28.6
28	5 46 52.89	57.83	23 14 22.5	23.9	6.067 363	5 947	13 25.6
29	5 47 50.72	57.96	23 14 46.4	22.6	6.073 310	5 758	13 22.6
30	5 48 48.68	58.10	23 15 9.0	21.2	6.079 068	5 570	13 19.7
31	5 49 46.78	58.22	23 15 30.2	19.8	6.084 638	5 378	13 16.7
Juni 1	5 50 45.00	58.34	23 15 50.0	18.5	6.090 016	5 188	13 13.7
2	5 51 43.34	58.46	+23 16 8.5	17.2	6.095 204	4 997	13 10.8
3	5 52 41.80	58.58	23 16 25.7	15.7	6.100 201	4 805	13 7.8
4	5 53 40.38	58.68	23 16 41.4	14.4	6.105 006	4 611	13 4.8
5	5 54 39.06	58.78	23 16 55.8	13.0	6.109 617	4 417	13 1.9
6	5 55 37.84	58.87	23 17 8.8	11.6	6.114 034	4 222	12 58.9
7	5 56 36.71	58.97	23 17 20.4	10.2	6.118 256	4 028	12 56.0
8	5 57 35.68	59.06	+23 17 30.6	8.8	6.122 284	3 831	12 53.0
9	5 58 34.74	59.14	23 17 39.4	7.3	6.126 115	3 633	12 50.1
10	5 59 33.88	59.21	23 17 46.7	6.0	6.129 748	3 435	12 47.1
11	6 0 33.09	59.27	23 17 52.7	4.6	6.133 183	3 237	12 44.2
12	6 1 32.36	59.34	23 17 57.3	3.1	6.136 420	3 039	12 41.2
13	6 2 31.70		+23 18 0.4		6.139 459		12 38.3

Tag	0ʰ Welt-Zeit						Obere Kulmination in Greenwich
	Scheinbare Rektaszension		Scheinbare Deklination		Δ		
1942	h m s	s	° ′ ″	″			h m
Juni 13	6 2 31.70	59.40	+23 18 0.4	1.7	6.139 459	2 839	12 38.3
14	6 3 31.10	59.45	23 18 2.1	0.3	6.142 298	2 639	12 35.3
15	6 4 30.55	59.49	23 18 2.4	1.2	6.144 937	2 440	12 32.4
16	6 5 30.04	59.53	23 18 1.2	2.5	6.147 377	2 239	12 29.5
17	6 6 29.57	59.57	23 17 58.7	4.1	6.149 616	2 039	12 26.5
18	6 7 29.14	59.59	23 17 54.6	5.4	6.151 655	1 840	12 23.6
19	6 8 28.73	59.61	+23 17 49.2	6.9	6.153 495	1 639	12 20.6
20	6 9 28.34	59.63	23 17 42.3	8.3	6.155 134	1 439	12 17.7
21	6 10 27.97	59.63	23 17 34.0	9.8	6.156 573	1 238	12 14.7
22	6 11 27.60	59.64	23 17 24.2	11.2	6.157 811	1 040	12 11.8
23	6 12 27.24	59.64	23 17 13.0	12.6	6.158 851	839	12 8.9
24	6 13 26.88	59.63	23 17 0.4	14.1	6.159 690	641	12 5.9
25	6 14 26.51	59.62	+23 16 46.3	15.5	6.160 331	443	12 3.0
26	6 15 26.13	59.61	23 16 30.8	16.9	6.160 774	243	12 0.0
27	6 16 25.74	59.58	23 16 13.9	18.4	6.161 017	45	11 57.1
28	6 17 25.32	59.56	23 15 55.5	19.8	6.161 062	151	11 54.1
29	6 18 24.88	59.53	23 15 35.7	21.1	6.160 911	351	11 51.2
30	6 19 24.41	59.51	23 15 14.6	22.7	6.160 560	547	11 48.2
Juli 1	6 20 23.92	59.46	+23 14 51.9	24.0	6.160 013	746	11 45.3
2	6 21 23.38	59.42	23 14 27.9	25.3	6.159 267	945	11 42.4
3	6 22 22.80	59.38	23 14 2.6	26.8	6.158 322	1 143	11 39.4
4	6 23 22.18	59.32	23 13 35.8	28.2	6.157 179	1 341	11 36.5
5	6 24 21.50	59.27	23 13 7.6	29.5	6.155 838	1 540	11 33.5
6	6 25 20.77	59.21	23 12 38.1	30.9	6.154 298	1 739	11 30.6
7	6 26 19.98	59.14	+23 12 7.2	32.3	6.152 559	1 938	11 27.6
8	6 27 19.12	59.06	23 11 34.9	33.6	6.150 621	2 137	11 24.7
9	6 28 18.18	58.99	23 11 1.3	35.0	6.148 484	2 335	11 21.7
10	6 29 17.17	58.90	23 10 26.3	36.2	6.146 149	2 534	11 18.8
11	6 30 16.07	58.82	23 9 50.1	37.6	6.143 615	2 733	11 15.8
12	6 31 14.89	58.71	23 9 12.5	38.9	6.140 882	2 930	11 12.8
13	6 32 13.60	58.62	+23 8 33.6	40.2	6.137 952	3 127	11 9.9
14	6 33 12.22	58.50	23 7 53.4	41.4	6.134 825	3 325	11 6.9
15	6 34 10.72	58.40	23 7 12.0	42.7	6.131 500	3 521	11 4.0
16	6 35 9.12	58.27	23 6 29.3	44.0	6.127 979	3 716	11 1.0
17	6 36 7.39	58.14	23 5 45.3	45.2	6.124 263	3 913	10 58.0
18	6 37 5.53	58.01	23 5 0.1	46.4	6.120 350	4 105	10 55.1
19	6 38 3.54	57.88	+23 4 13.7	47.7	6.116 245	4 300	10 52.1
20	6 39 1.42	57.73	23 3 26.0	48.9	6.111 945	4 491	10 49.1
21	6 39 59.15	57.58	23 2 37.1	50.0	6.107 454	4 683	10 46.1
22	6 40 56.73	57.43	23 1 47.1	51.2	6.102 771	4 874	10 43.2
23	6 41 54.16	57.27	23 0 55.9	52.3	6.097 897	5 063	10 40.2
24	6 42 51.43		+23 0 3.6		6.092 834		10 37.2

Tag	0h Welt-Zeit						Obere Kulmination in Greenwich
	Scheinbare Rektaszension		Scheinbare Deklination		Δ		
1942	h m s	s	° ′ ″	′ ″			h m
Juli 24	6 42 51.43	57.11	+23 0 3.6	0 53.6	6.092 834	5 250	10 37.2
25	6 43 48.54	56.94	22 59 10.0	0 54.6	6.087 584	5 439	10 34.2
26	6 44 45.48	56.77	22 58 15.4	0 55.7	6.082 145	5 624	10 31.2
27	6 45 42.25	56.59	22 57 19.7	0 56.8	6.076 521	5 812	10 28.2
28	6 46 38.84	56.42	22 56 22.9	0 57.9	6.070 709	5 996	10 25.2
29	6 47 35.26	56.23	22 55 25.0	0 58.9	6.064 713	6 180	10 22.2
30	6 48 31.49	56.03	+22 54 26.1	1 0.0	6.058 533	6 365	10 19.2
31	6 49 27.52	55.84	22 53 26.1	1 0.9	6.052 168	6 549	10 16.2
Aug. 1	6 50 23.36	55.64	22 52 25.2	1 1.9	6.045 619	6 731	10 13.2
2	6 51 19.00	55.44	22 51 23.3	1 2.9	6.038 888	6 915	10 10.2
3	6 52 14.44	55.23	22 50 20.4	1 3.9	6.031 973	7 095	10 7.2
4	6 53 9.67	55.00	22 49 16.5	1 4.8	6.024 878	7 277	10 4.2
5	6 54 4.67	54.78	+22 48 11.7	1 5.6	6.017 601	7 458	10 1.2
6	6 54 59.45	54.55	22 47 6.1	1 6.5	6.010 143	7 637	9 58.1
7	6 55 54.00	54.32	22 45 59.6	1 7.4	6.002 506	7 816	9 55.1
8	6 56 48.32	54.07	22 44 52.2	1 8.2	5.994 690	7 993	9 52.1
9	6 57 42.39	53.82	22 43 44.0	1 8.9	5.986 697	8 169	9 49.0
10	6 58 36.21	53.57	22 42 35.1	1 9.8	5.978 528	8 344	9 46.0
11	6 59 29.78	53.30	+22 41 25.3	1 10.5	5.970 184	8 517	9 43.0
12	7 0 23.08	53.03	22 40 14.8	1 11.2	5.961 667	8 691	9 39.9
13	7 1 16.11	52.76	22 39 3.6	1 11.9	5.952 976	8 863	9 36.9
14	7 2 8.87	52.48	22 37 51.7	1 12.6	5.944 113	9 030	9 33.8
15	7 3 1.35	52.18	22 36 39.1	1 13.2	5.935 083	9 200	9 30.7
16	7 3 53.53	51.89	22 35 25.9	1 13.9	5.925 883	9 365	9 27.7
17	7 4 45.42	51.59	+22 34 12.0	1 14.4	5.916 518	9 530	9 24.6
18	7 5 37.01	51.29	22 32 57.6	1 14.9	5.906 988	9 693	9 21.5
19	7 6 28.30	50.97	22 31 42.7	1 15.5	5.897 295	9 853	9 18.4
20	7 7 19.27	50.66	22 30 27.2	1 16.0	5.887 442	10 013	9 15.3
21	7 8 9.93	50.33	22 29 11.2	1 16.5	5.877 429	10 169	9 12.2
22	7 9 0.26	50.00	22 27 54.7	1 16.9	5.867 260	10 326	9 9.1
23	7 9 50.26	49.67	+22 26 37.8	1 17.3	5.856 934	10 479	9 6.0
24	7 10 39.93	49.33	22 25 20.5	1 17.7	5.846 455	10 632	9 2.9
25	7 11 29.26	48.98	22 24 2.8	1 18.1	5.835 823	10 782	8 59.8
26	7 12 18.24	48.64	22 22 44.7	1 18.4	5.825 041	10 932	8 56.7
27	7 13 6.88	48.28	22 21 26.3	1 18.7	5.814 109	11 080	8 53.6
28	7 13 55.16	47.92	22 20 7.6	1 18.9	5.803 029	11 227	8 50.4
29	7 14 43.08	47.55	+22 18 48.7	1 19.2	5.791 802	11 371	8 47.3
30	7 15 30.63	47.18	22 17 29.5	1 19.3	5.780 431	11 516	8 44.2
31	7 16 17.81	46.80	22 16 10.2	1 19.4	5.768 915	11 659	8 41.0
Sept. 1	7 17 4.61	46.41	22 14 50.8	1 19.6	5.757 256	11 798	8 37.8
2	7 17 51.02	46.01	22 13 31.2	1 19.7	5.745 458	11 938	8 34.7
3	7 18 37.03		+22 12 11.5		5.733 520		8 31.5

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	s	° ′ ″	′ ″			h m
Sept. 3	7 18 37.03	45.61	+22 12 11.5	1 19.8	5.733 520	12 074	8 31.5
4	7 19 22.64	45.20	22 10 51.7	1 19.7	5.721 446	12 210	8 28.3
5	7 20 7.84	44.79	22 9 32.0	1 19.7	5.709 236	12 342	8 25.1
6	7 20 52.63	44.36	22 8 12.3	1 19.7	5.696 894	12 474	8 21.9
7	7 21 36.99	43.93	22 6 52.6	1 19.5	5.684 420	12 603	8 18.7
8	7 22 20.92	43.49	22 5 33.1	1 19.4	5.671 817	12 729	8 15.5
9	7 23 4.41	43.05	+22 4 13.7	1 19.2	5.659 088	12 853	8 12.3
10	7 23 47.46	42.59	22 2 54.5	1 19.0	5.646 235	12 974	8 9.1
11	7 24 30.05	42.12	22 1 35.5	1 18.8	5.633 261	13 094	8 5.9
12	7 25 12.17	41.66	22 0 16.7	1 18.5	5.620 167	13 212	8 2.7
13	7 25 53.83	41.18	21 58 58.2	1 18.1	5.606 955	13 324	7 59.4
14	7 26 35.01	40.70	21 57 40.1	1 17.8	5.593 631	13 435	7 56.2
15	7 27 15.71	40.21	+21 56 22.3	1 17.3	5.580 196	13 544	7 52.9
16	7 27 55.92	39.71	21 55 5.0	1 17.0	5.566 652	13 647	7 49.6
17	7 28 35.63	39.20	21 53 48.0	1 16.4	5.553 005	13 751	7 46.4
18	7 29 14.83	38.70	21 52 31.6	1 15.9	5.539 254	13 851	7 43.1
19	7 29 53.53	38.18	21 51 15.7	1 15.4	5.525 403	13 948	7 39.8
20	7 30 31.71	37.66	21 50 0.3	1 14.8	5.511 455	14 042	7 36.5
21	7 31 9.37	37.13	+21 48 45.5	1 14.2	5.497 413	14 133	7 33.2
22	7 31 46.50	36.59	21 47 31.3	1 13.5	5.483 280	14 221	7 29.8
23	7 32 23.09	36.06	21 46 17.8	1 12.8	5.469 059	14 308	7 26.5
24	7 32 59.15	35.50	21 45 5.0	1 12.0	5.454 751	14 392	7 23.2
25	7 33 34.65	34.96	21 43 53.0	1 11.3	5.440 359	14 474	7 19.8
26	7 34 9.61	34.39	21 42 41.7	1 10.4	5.425 885	14 552	7 16.5
27	7 34 44.00	33.82	+21 41 31.3	1 9.6	5.411 333	14 628	7 13.1
28	7 35 17.82	33.25	21 40 21.7	1 8.6	5.396 705	14 702	7 9.7
29	7 35 51.07	32.66	21 39 13.1	1 7.7	5.382 003	14 773	7 6.3
30	7 36 23.73	32.07	21 38 5.4	1 6.6	5.367 230	14 839	7 3.0
Okt. 1	7 36 55.80	31.47	21 36 58.8	1 5.7	5.352 391	14 905	6 59.6
2	7 37 27.27	30.86	21 35 53.1	1 4.6	5.337 486	14 966	6 56.2
3	7 37 58.13	30.24	+21 34 48.5	1 3.4	5.322 520	15 025	6 52.7
4	7 38 28.37	29.62	21 33 45.1	1 2.3	5.307 495	15 079	6 49.3
5	7 38 57.99	28.99	21 32 42.8	1 1.1	5.292 416	15 130	6 45.9
6	7 39 26.98	28.35	21 31 41.7	0 59.9	5.277 286	15 178	6 42.4
7	7 39 55.33	27.69	21 30 41.8	0 58.5	5.262 108	15 224	6 38.9
8	7 40 23.02	27.04	21 29 43.3	0 57.3	5.246 884	15 263	6 35.5
9	7 40 50.06	26.38	+21 28 46.0	0 55.8	5.231 621	15 301	6 32.0
10	7 41 16.44	25.70	21 27 50.2	0 54.5	5.216 320	15 332	6 28.5
11	7 41 42.14	25.02	21 26 55.7	0 53.1	5.200 988	15 362	6 25.0
12	7 42 7.16	24.33	21 26 2.6	0 51.6	5.185 626	15 386	6 21.4
13	7 42 31.49	23.64	21 25 11.0	0 50.1	5.170 240	15 405	6 17.9
14	7 42 55.13		+21 24 20.9		5.154 835		6 14.4

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	s	° ′ ″	″			h m
Okt. 14	7 42 55.13	22.94	+21 24 20.9	48.5	5.154 835	15 424	6 14.4
15	7 43 18.07	22.24	21 23 32.4	46.9	5.139 411	15 435	6 10.8
16	7 43 40.31	21.52	21 22 45.5	45.4	5.123 976	15 442	6 7.2
17	7 44 1.83	20.80	21 22 0.1	43.7	5.108 534	15 447	6 3.7
18	7 44 22.63	20.08	21 21 16.4	42.0	5.093 087	15 448	6 0.1
19	7 44 42.71	19.35	21 20 34.4	40.3	5.077 639	15 443	5 56.5
20	7 45 2.06	18.62	+21 19 54.1	38.6	5.062 196	15 436	5 52.9
21	7 45 20.68	17.88	21 19 15.5	36.8	5.046 760	15 425	5 49.2
22	7 45 38.56	17.14	21 18 38.7	35.0	5.031 335	15 409	5 45.6
23	7 45 55.70	16.38	21 18 3.7	33.1	5.015 926	15 390	5 42.0
24	7 46 12.08	15.62	21 17 30.6	31.3	5.000 536	15 369	5 38.3
25	7 46 27.70	14.86	21 16 59.3	29.4	4.985 167	15 341	5 34.6
26	7 46 42.56	14.09	+21 16 29.9	27.5	4.969 826	15 310	5 30.9
27	7 46 56.65	13.31	21 16 2.4	25.5	4.954 516	15 274	5 27.2
28	7 47 9.96	12.53	21 15 36.9	23.5	4.939 242	15 236	5 23.5
29	7 47 22.49	11.74	21 15 13.4	21.5	4.924 006	15 193	5 19.8
30	7 47 34.23	10.94	21 14 51.9	19.5	4.908 813	15 143	5 16.0
31	7 47 45.17	10.15	21 14 32.4	17.4	4.893 670	15 092	5 12.3
Nov. 1	7 47 55.32	9.34	+21 14 15.0	15.3	4.878 578	15 035	5 8.5
2	7 48 4.66	8.53	21 13 59.7	13.3	4.863 543	14 973	5 4.7
3	7 48 13.19	7.71	21 13 46.4	11.1	4.848 570	14 906	5 0.9
4	7 48 20.90	6.89	21 13 35.3	8.9	4.833 664	14 836	4 57.1
5	7 48 27.79	6.06	21 13 26.4	6.8	4.818 828	14 759	4 53.3
6	7 48 33.85	5.23	21 13 19.6	4.7	4.804 069	14 676	4 49.5
7	7 48 39.08	4.40	+21 13 14.9	2.4	4.789 393	14 591	4 45.6
8	7 48 43.48	3.56	21 13 12.5	0.3	4.774 802	14 499	4 41.8
9	7 48 47.04	2.72	21 13 12.2	2.0	4.760 303	14 403	4 37.9
10	7 48 49.76	1.88	21 13 14.2	4.1	4.745 900	14 300	4 34.0
11	7 48 51.64	1.04	21 13 18.3	6.4	4.731 600	14 191	4 30.1
12	7 48 52.68	0.19	21 13 24.7	8.7	4.717 409	14 081	4 26.2
13	7 48 52.87	0.65	+21 13 33.4	10.8	4.703 328	13 962	4 22.3
14	7 48 52.22	1.49	21 13 44.2	13.0	4.689 366	13 839	4 18.3
15	7 48 50.73	2.33	21 13 57.2	15.3	4.675 527	13 714	4 14.4
16	7 48 48.40	3.18	21 14 12.5	17.4	4.661 813	13 581	4 10.4
17	7 48 45.22	4.01	21 14 29.9	19.6	4.648 232	13 444	4 6.4
18	7 48 41.21	4.85	21 14 49.5	21.9	4.634 788	13 304	4 2.4
19	7 48 36.36	5.69	+21 15 11.4	24.0	4.621 484	13 157	3 58.4
20	7 48 30.67	6.53	21 15 35.4	26.3	4.608 327	13 008	3 54.4
21	7 48 24.14	7.36	21 16 1.7	28.4	4.595 319	12 852	3 50.3
22	7 48 16.78	8.19	21 16 30.1	30.5	4.582 467	12 693	3 46.3
23	7 48 8.59	9.02	21 17 0.6	32.7	4.569 774	12 529	3 42.2
24	7 47 59.57		+21 17 33.3		4.557 245		3 38.1

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	s	° ′ ″	′ ″			h m
Nov. 24	7 47 59.57	9.84	+21 17 33.3	0 34.8	4.557 245	12 360	3 38.1
25	7 47 49.73	10.67	21 18 8.1	0 36.9	4.544 885	12 187	3 34.0
26	7 47 39.06	11.49	21 18 45.0	0 39.0	4.532 698	12 009	3 29.9
27	7 47 27.57	12.31	21 19 24.0	0 41.0	4.520 689	11 825	3 25.8
28	7 47 15.26	13.11	21 20 5.0	0 43.1	4.508 864	11 638	3 21.6
29	7 47 2.15	13.93	21 20 48.1	0 45.1	4.497 226	11 445	3 17.5
30	7 46 48.22	14.72	+21 21 33.2	0 47.0	4.485 781	11 248	3 13.3
Dez. 1	7 46 33.50	15.51	21 22 20.2	0 49.0	4.474 533	11 046	3 9.1
2	7 46 17.99	16.31	21 23 9.2	0 50.9	4.463 487	10 838	3 4.9
3	7 46 1.68	17.09	21 24 0.1	0 52.7	4.452 649	10 626	3 0.7
4	7 45 44.59	17.85	21 24 52.8	0 54.6	4.442 023	10 407	2 56.5
5	7 45 26.74	18.62	21 25 47.4	0 56.4	4.431 616	10 187	2 52.3
6	7 45 8.12	19.37	+21 26 43.8	0 58.1	4.421 429	9 959	2 48.1
7	7 44 48.75	20.11	21 27 41.9	0 59.7	4.411 470	9 728	2 43.8
8	7 44 28.64	20.84	21 28 41.6	1 1.4	4.401 742	9 490	2 39.5
9	7 44 7.80	21.55	21 29 43.0	1 3.0	4.392 252	9 250	2 35.3
10	7 43 46.25	22.25	21 30 46.0	1 4.5	4.383 002	9 003	2 31.0
11	7 43 24.00	22.94	21 31 50.5	1 6.0	4.373 999	8 755	2 26.7
12	7 43 1.06	23.61	+21 32 56.5	1 7.4	4.365 244	8 500	2 22.4
13	7 42 37.45	24.26	21 34 3.9	1 8.8	4.356 744	8 243	2 18.0
14	7 42 13.19	24.90	21 35 12.7	1 10.1	4.348 501	7 982	2 13.7
15	7 41 48.29	25.52	21 36 22.8	1 11.3	4.340 519	7 717	2 9.3
16	7 41 22.77	26.13	21 37 34.1	1 12.5	4.332 802	7 450	2 5.0
17	7 40 56.64	26.71	21 38 46.6	1 13.6	4.325 352	7 179	2 0.6
18	7 40 29.93	27.28	+21 40 0.2	1 14.6	4.318 173	6 904	1 56.3
19	7 40 2.65	27.84	21 41 14.8	1 15.7	4.311 269	6 628	1 51.9
20	7 39 34.81	28.36	21 42 30.5	1 16.6	4.304 641	6 347	1 47.5
21	7 39 6.45	28.89	21 43 47.1	1 17.5	4.298 294	6 063	1 43.1
22	7 38 37.56	29.38	21 45 4.6	1 18.2	4.292 231	5 778	1 38.7
23	7 38 8.18	29.85	21 46 22.8	1 19.0	4.286 453	5 489	1 34.2
24	7 37 38.33	30.32	+21 47 41.8	1 19.7	4.280 964	5 197	1 29.8
25	7 37 8.01	30.75	21 49 1.5	1 20.3	4.275 767	4 904	1 25.4
26	7 36 37.26	31.16	21 50 21.8	1 20.8	4.270 863	4 606	1 20.9
27	7 36 6.10	31.56	21 51 42.6	1 21.2	4.266 257	4 308	1 16.5
28	7 35 34.54	31.93	21 53 3.8	1 21.7	4.261 949	4 006	1 12.0
29	7 35 2.61	32.28	21 54 25.5	1 22.0	4.257 943	3 701	1 7.6
30	7 34 30.33	32.61	+21 55 47.5	1 22.2	4.254 242	3 395	1 3.1
31	7 33 57.72	32.91	21 57 9.7	1 22.5	4.250 847	3 087	0 58.6
32	7 33 24.81		+21 58 32.2		4.247 760		0 54.2

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	s	° ′ ″	″			h m
Jan. 0	3 21 17.14	10.21	+16 7 57.3	22.8	8.42 025	1 222	20 41.6
1	3 21 6.93	9.81	16 7 34.5	21.2	8.43 247	1 242	20 37.5
2	3 20 57.12	9.41	16 7 13.3	19.6	8.44 489	1 262	20 33.4
3	3 20 47.71	9.00	16 6 53.7	18.0	8.45 751	1 281	20 29.4
4	3 20 38.71	8.59	16 6 35.7	16.2	8.47 032	1 301	20 25.3
5	3 20 30.12	8.18	16 6 19.5	14.5	8.48 333	1 319	20 21.2
6	3 20 21.94	7.76	+16 6 5.0	12.9	8.49 652	1 338	20 17.1
7	3 20 14.18	7.34	16 5 52.1	11.2	8.50 990	1 356	20 13.1
8	3 20 6.84	6.92	16 5 40.9	9.4	8.52 346	1 373	20 9.1
9	3 19 59.92	6.49	16 5 31.5	7.7	8.53 719	1 389	20 5.0
10	3 19 53.43	6.05	16 5 23.8	5.9	8.55 108	1 407	20 1.0
11	3 19 47.38	5.62	16 5 17.9	4.2	8.56 515	1 422	19 56.9
12	3 19 41.76	5.18	+16 5 13.7	2.4	8.57 937	1 438	19 52.9
13	3 19 36.58	4.74	16 5 11.3	0.7	8.59 375	1 452	19 48.9
14	3 19 31.84	4.30	16 5 10.6	1.1	8.60 827	1 468	19 44.9
15	3 19 27.54	3.84	16 5 11.7	2.8	8.62 295	1 481	19 40.9
16	3 19 23.70	3.40	16 5 14.5	4.7	8.63 776	1 495	19 36.9
17	3 19 20.30	2.94	16 5 19.2	6.5	8.65 271	1 507	19 33.0
18	3 19 17.36	2.49	+16 5 25.7	8.2	8.66 778	1 520	19 29.0
19	3 19 14.87	2.04	16 5 33.9	10.0	8.68 298	1 531	19 25.0
20	3 19 12.83	1.58	16 5 43.9	11.8	8.69 829	1 543	19 21.1
21	3 19 11.25	1.12	16 5 55.7	13.7	8.71 372	1 554	19 17.1
22	3 19 10.13	0.67	16 6 9.4	15.4	8.72 926	1 563	19 13.2
23	3 19 9.46	0.21	16 6 24.8	17.1	8.74 489	1 573	19 9.2
24	3 19 9.25	0.25	+16 6 41.9	19.0	8.76 062	1 583	19 5.3
25	3 19 9.50	0.70	16 7 0.9	20.7	8.77 645	1 590	19 1.4
26	3 19 10.20	1.16	16 7 21.6	22.4	8.79 235	1 599	18 57.5
27	3 19 11.36	1.61	16 7 44.0	24.3	8.80 834	1 606	18 53.6
28	3 19 12.97	2.07	16 8 8.3	25.9	8.82 440	1 614	18 49.7
29	3 19 15.04	2.52	16 8 34.2	27.7	8.84 054	1 620	18 45.8
30	3 19 17.56	2.97	+16 9 1.9	29.4	8.85 674	1 626	18 41.9
31	3 19 20.53	3.42	16 9 31.3	31.1	8.87 300	1 631	18 38.0
Febr. 1	3 19 23.95	3.87	16 10 2.4	32.8	8.88 931	1 637	18 34.1
2	3 19 27.82	4.32	16 10 35.2	34.5	8.90 568	1 641	18 30.3
3	3 19 32.14	4.77	16 11 9.7	36.2	8.92 209	1 645	18 26.4
4	3 19 36.91	5.22	16 11 45.9	37.8	8.93 854	1 649	18 22.6
5	3 19 42.13	5.66	+16 12 23.7	39.6	8.95 503	1 652	18 18.7
6	3 19 47.79	6.10	16 13 3.3	41.1	8.97 155	1 655	18 14.9
7	3 19 53.89	6.55	16 13 44.4	42.8	8.98 810	1 657	18 11.1
8	3 20 0.44	6.98	16 14 27.2	44.3	9.00 467	1 659	18 7.2
9	3 20 7.42	7.43	16 15 11.5	46.0	9.02 126	1 661	18 3.4
10	3 20 14.85		+16 15 57.5		9.03 787		17 59.6

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	s	° ′ ″	′ ″			h m
Febr. 10	3 20 14.85	7.87	+16 15 57.5	0 47.6	9.03 787	1 661	17 59.6
11	3 20 22.72	8.30	16 16 45.1	0 49.1	9.05 448	1 661	17 55.8
12	3 20 31.02	8.74	16 17 34.2	0 50.7	9.07 109	1 661	17 52.0
13	3 20 39.76	9.17	16 18 24.9	0 52.3	9.08 770	1 661	17 48.3
14	3 20 48.93	9.59	16 19 17.2	0 53.7	9.10 431	1 659	17 44.5
15	3 20 58.52	10.03	16 20 10.9	0 55.3	9.12 090	1 658	17 40.7
16	3 21 8.55	10.46	+16 21 6.2	0 56.8	9.13 748	1 655	17 37.0
17	3 21 19.01	10.87	16 22 3.0	0 58.2	9.15 403	1 652	17 33.2
18	3 21 29.88	11.30	16 23 1.2	0 59.6	9.17 055	1 649	17 29.5
19	3 21 41.18	11.71	16 24 0.8	1 1.1	9.18 704	1 646	17 25.7
20	3 21 52.89	12.12	16 25 1.9	1 2.5	9.20 350	1 641	17 22.0
21	3 22 5.01	12.53	16 26 4.4	1 3.9	9.21 991	1 637	17 18.3
22	3 22 17.54	12.93	+16 27 8.3	1 5.3	9.23 628	1 632	17 14.5
23	3 22 30.47	13.33	16 28 13.6	1 6.6	9.25 260	1 626	17 10.8
24	3 22 43.80	13.73	16 29 20.2	1 7.9	9.26 886	1 620	17 7.1
25	3 22 57.53	14.13	16 30 28.1	1 9.2	9.28 506	1 614	17 3.4
26	3 23 11.66	14.51	16 31 37.3	1 10.5	9.30 120	1 607	16 59.7
27	3 23 26.17	14.89	16 32 47.8	1 11.7	9.31 727	1 600	16 56.0
28	3 23 41.06	15.28	+16 33 59.5	1 12.9	9.33 327	1 592	16 52.4
März 1	3 23 56.34	15.66	16 35 12.4	1 14.1	9.34 919	1 584	16 48.7
2	3 24 12.00	16.03	16 36 26.5	1 15.4	9.36 503	1 576	16 45.0
3	3 24 28.03	16.40	16 37 41.9	1 16.5	9.38 079	1 568	16 41.4
4	3 24 44.43	16.76	16 38 58.4	1 17.5	9.39 647	1 558	16 37.7
5	3 25 1.19	17.13	16 40 15.9	1 18.7	9.41 205	1 549	16 34.1
6	3 25 18.32	17.49	+16 41 34.6	1 19.8	9.42 754	1 540	16 30.4
7	3 25 35.81	17.85	16 42 54.4	1 20.9	9.44 294	1 529	16 26.8
8	3 25 53.66	18.19	16 44 15.3	1 21.9	9.45 823	1 518	16 23.2
9	3 26 11.85	18.55	16 45 37.2	1 22.9	9.47 341	1 508	16 19.5
10	3 26 30.40	18.89	16 47 0.1	1 23.9	9.48 849	1 497	16 15.9
11	3 26 49.29	19.23	16 48 24.0	1 24.9	9.50 346	1 485	16 12.3
12	3 27 8.52	19.57	+16 49 48.9	1 25.8	9.51 831	1 473	16 8.7
13	3 27 28.09	19.91	16 51 14.7	1 26.8	9.53 304	1 461	16 5.1
14	3 27 48.00	20.23	16 52 41.5	1 27.7	9.54 765	1 448	16 1.5
15	3 28 8.23	20.56	16 54 9.2	1 28.5	9.56 213	1 434	15 57.9
16	3 28 28.79	20.89	16 55 37.7	1 29.4	9.57 647	1 421	15 54.3
17	3 28 49.68	21.20	16 57 7.1	1 30.3	9.59 068	1 408	15 50.7
18	3 29 10.88	21.51	+16 58 37.4	1 31.0	9.60 476	1 393	15 47.1
19	3 29 32.39	21.82	17 0 8.4	1 31.9	9.61 869	1 378	15 43.6
20	3 29 54.21	22.12	17 1 40.3	1 32.6	9.63 247	1 364	15 40.0
21	3 30 16.33	22.42	17 3 12.9	1 33.3	9.64 611	1 348	15 36.4
22	3 30 38.75	22.71	17 4 46.2	1 34.0	9.65 959	1 333	15 32.9
23	3 31 1.46		+17 6 20.2		9.67 292		15 29.3

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		0ʰ Welt-Zeit: Scheinbare Deklination		0ʰ Welt-Zeit: Δ		Obere Kulmination in Greenwich
1942	h m s	s	° ′ ″	′ ″			h m
März 23	3 31 1.46	23.00	+17 6 20.2	1 34.7	9.67 292	1 317	15 29.3
24	3 31 24.46	23.28	17 7 54.9	1 35.3	9.68 609	1 301	15 25.8
25	3 31 47.74	23.56	17 9 30.2	1 36.0	9.69 910	1 285	15 22.2
26	3 32 11.30	23.84	17 11 6.2	1 36.6	9.71 195	1 268	15 18.7
27	3 32 35.14	24.11	17 12 42.8	1 37.1	9.72 463	1 251	15 15.2
28	3 32 59.25	24.36	17 14 19.9	1 37.8	9.73 714	1 234	15 11.6
29	3 33 23.61	24.63	+17 15 57.7	1 38.2	9.74 948	1 217	15 8.1
30	3 33 48.24	24.89	17 17 35.9	1 38.8	9.76 165	1 199	15 4.6
31	3 34 13.13	25.13	17 19 14.7	1 39.2	9.77 364	1 181	15 1.1
April 1	3 34 38.26	25.38	17 20 53.9	1 39.6	9.78 545	1 163	14 57.6
2	3 35 3.64	25.63	17 22 33.5	1 40.1	9.79 708	1 145	14 54.1
3	3 35 29.27	25.86	17 24 13.6	1 40.6	9.80 853	1 127	14 50.6
4	3 35 55.13	26.09	+17 25 54.2	1 40.9	9.81 980	1 108	14 47.1
5	3 36 21.22	26.33	17 27 35.1	1 41.3	9.83 088	1 089	14 43.6
6	3 36 47.55	26.56	17 29 16.4	1 41.6	9.84 177	1 070	14 40.1
7	3 37 14.11	26.77	17 30 58.0	1 42.0	9.85 247	1 051	14 36.6
8	3 37 40.88	27.00	17 32 40.0	1 42.2	9.86 298	1 031	14 33.1
9	3 38 7.88	27.21	17 34 22.2	1 42.6	9.87 329	1 012	14 29.6
10	3 38 35.09	27.42	+17 36 4.8	1 42.8	9.88 341	991	14 26.1
11	3 39 2.51	27.63	17 37 47.6	1 43.1	9.89 332	971	14 22.7
12	3 39 30.14	27.82	17 39 30.7	1 43.2	9.90 303	951	14 19.2
13	3 39 57.96	28.03	17 41 13.9	1 43.5	9.91 254	930	14 15.7
14	3 40 25.99	28.22	17 42 57.4	1 43.6	9.92 184	909	14 12.2
15	3 40 54.21	28.40	17 44 41.0	1 43.9	9.93 093	888	14 8.8
16	3 41 22.61	28.58	+17 46 24.9	1 43.9	9.93 981	866	14 5.3
17	3 41 51.19	28.76	17 48 8.8	1 44.0	9.94 847	845	14 1.9
18	3 42 19.95	28.93	17 49 52.8	1 44.2	9.95 692	823	13 58.4
19	3 42 48.88	29.11	17 51 37.0	1 44.2	9.96 515	802	13 55.0
20	3 43 17.99	29.26	17 53 21.2	1 44.2	9.97 317	780	13 51.5
21	3 43 47.25	29.42	17 55 5.4	1 44.3	9.98 097	757	13 48.1
22	3 44 16.67	29.57	+17 56 49.7	1 44.3	9.98 854	735	13 44.6
23	3 44 46.24	29.72	17 58 34.0	1 44.2	9.99 589	713	13 41.2
24	3 45 15.96	29.86	18 0 18.2	1 44.3	10.00 302	691	13 37.8
25	3 45 45.82	30.00	18 2 2.5	1 44.1	10.00 993	668	13 34.3
26	3 46 15.82	30.14	18 3 46.6	1 44.1	10.01 661	645	13 30.9
27	3 46 45.96	30.26	18 5 30.7	1 44.0	10.02 306	623	13 27.5
28	3 47 16.22	30.39	+18 7 14.7	1 43.8	10.02 929	600	13 24.0
29	3 47 46.61	30.51	18 8 58.5	1 43.7	10.03 529	577	13 20.6
30	3 48 17.12	30.62	18 10 42.2	1 43.6	10.04 106	555	13 17.2
Mai 1	3 48 47.74	30.74	18 12 25.8	1 43.4	10.04 661	531	13 13.8
2	3 49 18.48	30.85	18 14 9.2	1 43.2	10.05 192	508	13 10.3
3	3 49 49.33		+18 15 52.4		10.05 700		13 6.9

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942		h m s	s	° ′ ″	′ ″			h m
Mai	3	3 49 49.33	30.95	+18 15 52.4	1 43.0	10.05 700	485	13 6.9
	4	3 50 20.28	31.05	18 17 35.4	1 42.8	10.06 185	462	13 3.5
	5	3 50 51.33	31.15	18 19 18.2	1 42.6	10.06 647	439	13 0.1
	6	3 51 22.48	31.25	18 21 0.8	1 42.3	10.07 086	415	12 56.7
	7	3 51 53.73	31.33	18 22 43.1	1 42.0	10.07 501	392	12 53.2
	8	3 52 25.06	31.41	18 24 25.1	1 41.8	10.07 893	368	12 49.8
	9	3 52 56.47	31.50	+18 26 6.9	1 41.4	10.08 261	344	12 46.4
	10	3 53 27.97	31.58	18 27 48.3	1 41.2	10.08 605	321	12 43.0
	11	3 53 59.55	31.64	18 29 29.5	1 40.8	10.08 926	296	12 39.6
	12	3 54 31.19	31.71	18 31 10.3	1 40.4	10.09 222	273	12 36.2
	13	3 55 2.90	31.77	18 32 50.7	1 40.1	10.09 495	248	12 32.8
	14	3 55 34.67	31.83	18 34 30.8	1 39.8	10.09 743	225	12 29.4
	15	3 56 6.50	31.88	+18 36 10.6	1 39.3	10.09 968	200	12 26.0
	16	3 56 38.38	31.93	18 37 49.9	1 38.9	10.10 168	176	12 22.6
	17	3 57 10.31	31.97	18 39 28.8	1 38.5	10.10 344	152	12 19.2
	18	3 57 42.28	32.00	18 41 7.3	1 38.1	10.10 496	128	12 15.8
	19	3 58 14.28	32.04	18 42 45.4	1 37.6	10.10 624	104	12 12.4
	20	3 58 46.32	32.06	18 44 23.0	1 37.1	10.10 728	80	12 9.0
	21	3 59 18.38	32.09	+18 46 0.1	1 36.6	10.10 808	55	12 5.6
	22	3 59 50.47	32.11	18 47 36.7	1 36.1	10.10 863	31	12 2.2
	23	4 0 22.58	32.12	18 49 12.8	1 35.6	10.10 894	8	11 58.8
	24	4 0 54.70	32.13	18 50 48.4	1 35.1	10.10 902	$\overline{17}$	11 55.4
	25	4 1 26.83	32.14	18 52 23.5	1 34.6	10.10 885	41	11 52.0
	26	4 1 58.97	32.14	18 53 58.1	1 34.0	10.10 844	64	11 48.6
	27	4 2 31.11	32.13	+18 55 32.1	1 33.4	10.10 780	89	11 45.2
	28	4 3 3.24	32.12	18 57 5.5	1 32.8	10.10 691	112	11 41.8
	29	4 3 35.36	32.12	18 58 38.3	1 32.3	10.10 579	136	11 38.4
	30	4 4 7.48	32.10	19 0 10.6	1 31.7	10.10 443	160	11 35.0
	31	4 4 39.58	32.08	19 1 42.3	1 31.0	10.10 283	183	11 31.6
Juni	1	4 5 11.66	32.06	19 3 13.3	1 30.5	10.10 100	207	11 28.2
	2	4 5 43.72	32.03	+19 4 43.8	1 29.8	10.09 893	231	11 24.8
	3	4 6 15.75	32.00	19 6 13.6	1 29.2	10.09 662	254	11 21.4
	4	4 6 47.75	31.97	19 7 42.8	1 28.5	10.09 408	278	11 18.0
	5	4 7 19.72	31.93	19 9 11.3	1 27.9	10.09 130	302	11 14.6
	6	4 7 51.65	31.88	19 10 39.2	1 27.2	10.08 828	325	11 11.2
	7	4 8 23.53	31.84	19 12 6.4	1 26.5	10.08 503	349	11 7.8
	8	4 8 55.37	31.78	+19 13 32.9	1 25.9	10.08 154	372	11 4.4
	9	4 9 27.15	31.73	19 14 58.8	1 25.2	10.07 782	396	11 1.0
	10	4 9 58.88	31.66	19 16 24.0	1 24.4	10.07 386	419	10 57.6
	11	4 10 30.54	31.60	19 17 48.4	1 23.8	10.06 967	442	10 54.2
	12	4 11 2.14	31.52	19 19 12.2	1 23.0	10.06 525	465	10 50.7
	13	4 11 33.66		+19 20 35.2		10.06 060		10 47.3

Tag	0h Welt-Zeit						Obere Kulmination in Greenwich
	Scheinbare Rektaszension		Scheinbare Deklination		Δ		
1942	h m s	s	° ′ ″	′ ″			h m
Juni 13	4 11 33.66	31.45	+19 20 35.2	1 22.3	10.06 060	488	10 47.3
14	4 12 5.11	31.36	19 21 57.5	1 21.5	10.05 572	512	10 43.9
15	4 12 36.47	31.28	19 23 19.0	1 20.8	10.05 060	534	10 40.5
16	4 13 7.75	31.18	19 24 39.8	1 20.1	10.04 526	557	10 37.1
17	4 13 38.93	31.09	19 25 59.9	1 19.2	10.03 969	580	10 33.7
18	4 14 10.02	30.99	19 27 19.1	1 18.5	10.03 389	602	10 30.3
19	4 14 41.01	30.88	+19 28 37.6	1 17.7	10.02 787	625	10 26.9
20	4 15 11.89	30.77	19 29 55.3	1 17.0	10.02 162	647	10 23.4
21	4 15 42.66	30.66	19 31 12.3	1 16.1	10.01 515	668	10 20.0
22	4 16 13.32	30.53	19 32 28.4	1 15.3	10.00 847	691	10 16.6
23	4 16 43.85	30.42	19 33 43.7	1 14.5	10.00 156	712	10 13.2
24	4 17 14.27	30.28	19 34 58.2	1 13.7	9.99 444	734	10 9.7
25	4 17 44.55	30.15	+19 36 11.9	1 12.8	9.98 710	755	10 6.3
26	4 18 14.70	30.02	19 37 24.7	1 12.1	9.97 955	777	10 2.9
27	4 18 44.72	29.88	19 38 36.8	1 11.2	9.97 178	797	9 59.4
28	4 19 14.60	29.73	19 39 48.0	1 10.3	9.96 381	818	9 56.0
29	4 19 44.33	29.59	19 40 58.3	1 9.5	9.95 563	839	9 52.6
30	4 20 13.92	29.43	19 42 7.8	1 8.7	9.94 724	860	9 49.1
Juli 1	4 20 43.35	29.28	+19 43 16.5	1 7.8	9.93 864	880	9 45.7
2	4 21 12.63	29.12	19 44 24.3	1 7.0	9.92 984	900	9 42.2
3	4 21 41.75	28.96	19 45 31.3	1 6.1	9.92 084	921	9 38.8
4	4 22 10.71	28.78	19 46 37.4	1 5.3	9.91 163	941	9 35.3
5	4 22 39.49	28.61	19 47 42.7	1 4.4	9.90 222	961	9 31.8
6	4 23 8.10	28.44	19 48 47.1	1 3.5	9.89 261	980	9 28.4
7	4 23 36.54	28.25	+19 49 50.6	1 2.6	9.88 281	1 000	9 24.9
8	4 24 4.79	28.05	19 50 53.2	1 1.8	9.87 281	1 019	9 21.5
9	4 24 32.84	27.87	19 51 55.0	1 0.9	9.86 262	1 039	9 18.0
10	4 25 0.71	27.67	19 52 55.9	1 0.0	9.85 223	1 058	9 14.5
11	4 25 28.38	27.46	19 53 55.9	0 59.2	9.84 165	1 076	9 11.0
12	4 25 55.84	27.25	19 54 55.1	0 58.2	9.83 089	1 095	9 7.6
13	4 26 23.09	27.04	+19 55 53.3	0 57.3	9.81 994	1 113	9 4.1
14	4 26 50.13	26.82	19 56 50.6	0 56.4	9.80 881	1 132	9 0.6
15	4 27 16.95	26.60	19 57 47.0	0 55.5	9.79 749	1 149	8 57.1
16	4 27 43.55	26.36	19 58 42.5	0 54.7	9.78 600	1 166	8 53.6
17	4 28 9.91	26.14	19 59 37.2	0 53.7	9.77 434	1 184	8 50.1
18	4 28 36.05	25.90	20 0 30.9	0 52.8	9.76 250	1 201	8 46.6
19	4 29 1.95	25.65	+20 1 23.7	0 51.8	9.75 049	1 218	8 43.1
20	4 29 27.60	25.40	20 2 15.5	0 51.0	9.73 831	1 234	8 39.6
21	4 29 53.00	25.16	20 3 6.5	0 50.1	9.72 597	1 251	8 36.1
22	4 30 18.16	24.90	20 3 56.6	0 49.1	9.71 346	1 266	8 32.6
23	4 30 43.06	24.64	20 4 45.7	0 48.2	9.70 080	1 282	8 29.1
24	4 31 7.70		+20 5 33.9		9.68 798		8 25.6

Tag		Scheinbare Rektaszension (0h Welt-Zeit)		Scheinbare Deklination (0h Welt-Zeit)		Δ (0h Welt-Zeit)		Obere Kulmination in Greenwich
1942		h m s	s	° ′ ″	″			h m
Juli	24	4 31 7.70	24.38	+20 5 33.9	47.3	9.68 798	1 298	8 25.6
	25	4 31 32.08	24.11	20 6 21.2	46.3	9.67 500	1 312	8 22.0
	26	4 31 56.19	23.84	20 7 7.5	45.5	9.66 188	1 327	8 18.5
	27	4 32 20.03	23.57	20 7 53.0	44.6	9.64 861	1 342	8 15.0
	28	4 32 43.60	23.28	20 8 37.6	43.6	9.63 519	1 356	8 11.4
	29	4 33 6.88	23.00	20 9 21.2	42.7	9.62 163	1 370	8 7.9
	30	4 33 29.88	22.72	+20 10 3.9	41.8	9.60 793	1 384	8 4.3
	31	4 33 52.60	22.42	20 10 45.7	40.9	9.59 409	1 398	8 0.8
Aug.	1	4 34 15.02	22.13	20 11 26.6	40.0	9.58 011	1 411	7 57.2
	2	4 34 37.15	21.82	20 12 6.6	39.0	9.56 600	1 424	7 53.6
	3	4 34 58.97	21.52	20 12 45.6	38.1	9.55 176	1 437	7 50.1
	4	4 35 20.49	21.21	20 13 23.7	37.3	9.53 739	1 449	7 46.5
	5	4 35 41.70	20.89	+20 14 1.0	36.3	9.52 290	1 461	7 42.9
	6	4 36 2.59	20.57	20 14 37.3	35.3	9.50 829	1 473	7 39.3
	7	4 36 23.16	20.24	20 15 12.6	34.5	9.49 356	1 485	7 35.7
	8	4 36 43.40	19.91	20 15 47.1	33.6	9.47 871	1 496	7 32.1
	9	4 37 3.31	19.58	20 16 20.7	32.6	9.46 375	1 507	7 28.5
	10	4 37 22.89	19.23	20 16 53.3	31.7	9.44 868	1 517	7 24.9
	11	4 37 42.12	18.89	+20 17 25.0	30.8	9.43 351	1 527	7 21.3
	12	4 38 1.01	18.55	20 17 55.8	29.9	9.41 824	1 537	7 17.7
	13	4 38 19.56	18.19	20 18 25.7	29.0	9.40 287	1 546	7 14.0
	14	4 38 37.75	17.82	20 18 54.7	28.1	9.38 741	1 556	7 10.4
	15	4 38 55.57	17.47	20 19 22.8	27.1	9.37 185	1 563	7 6.8
	16	4 39 13.04	17.11	20 19 49.9	26.2	9.35 622	1 572	7 3.1
	17	4 39 30.15	16.73	+20 20 16.1	25.3	9.34 050	1 580	6 59.5
	18	4 39 46.88	16.36	20 20 41.4	24.4	9.32 470	1 587	6 55.8
	19	4 40 3.24	15.98	20 21 5.8	23.6	9.30 883	1 594	6 52.2
	20	4 40 19.22	15.60	20 21 29.4	22.6	9.29 289	1 601	6 48.5
	21	4 40 34.82	15.22	20 21 52.0	21.7	9.27 688	1 607	6 44.8
	22	4 40 50.04	14.83	20 22 13.7	20.7	9.26 081	1 613	6 41.1
	23	4 41 4.87	14.44	+20 22 34.4	19.9	9.24 468	1 618	6 37.4
	24	4 41 19.31	14.05	20 22 54.3	19.1	9.22 850	1 623	6 33.7
	25	4 41 33.36	13.65	20 23 13.4	18.1	9.21 227	1 628	6 30.0
	26	4 41 47.01	13.25	20 23 31.5	17.2	9.19 599	1 632	6 26.3
	27	4 42 0.26	12.85	20 23 48.7	16.4	9.17 967	1 637	6 22.6
	28	4 42 13.11	12.44	20 24 5.1	15.5	9.16 330	1 640	6 18.9
	29	4 42 25.55	12.03	+20 24 20.6	14.6	9.14 690	1 643	6 15.2
	30	4 42 37.58	11.62	20 24 35.2	13.7	9.13 047	1 646	6 11.5
	31	4 42 49.20	11.20	20 24 48.9	12.9	9.11 401	1 649	6 7.7
Sept.	1	4 43 0.40	10.78	20 25 1.8	12.0	9.09 752	1 650	6 4.0
	2	4 43 11.18	10.35	20 25 13.8	11.1	9.08 102	1 652	6 0.2
	3	4 43 21.53		+20 25 24.9		9.06 450		5 56.4

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	s	° ′ ″	″			h m
Sept. 3	4 43 21.53	9.93	+20 25 24.9	10.2	9.06 450	1 654	5 56.4
4	4 43 31.46	9.49	20 25 35.1	9.4	9.04 796	1 654	5 52.7
5	4 43 40.95	9.06	20 25 44.5	8.6	9.03 142	1 655	5 48.9
6	4 43 50.01	8.62	20 25 53.1	7.6	9.01 487	1 654	5 45.1
7	4 43 58.63	8.18	20 26 0.7	6.8	8.99 833	1 654	5 41.3
8	4 44 6.81	7.73	20 26 7.5	6.0	8.98 179	1 652	5 37.5
9	4 44 14.54	7.29	+20 26 13.5	5.1	8.96 527	1 651	5 33.7
10	4 44 21.83	6.84	20 26 18.6	4.2	8.94 876	1 650	5 29.9
11	4 44 28.67	6.39	20 26 22.8	3.4	8.93 226	1 646	5 26.1
12	4 44 35.06	5.93	20 26 26.2	2.5	8.91 580	1 643	5 22.3
13	4 44 40.99	5.48	20 26 28.7	1.7	8.89 937	1 640	5 18.4
14	4 44 46.47	5.02	20 26 30.4	0.8	8.88 297	1 636	5 14.6
15	4 44 51.49	4.57	+20 26 31.2	0.0	8.86 661	1 632	5 10.7
16	4 44 56.06	4.10	20 26 31.2	0.8	8.85 029	1 626	5 6.9
17	4 45 0.16	3.65	20 26 30.4	1.7	8.83 403	1 621	5 3.0
18	4 45 3.81	3.18	20 26 28.7	2.5	8.81 782	1 615	4 59.1
19	4 45 6.99	2.73	20 26 26.2	3.3	8.80 167	1 608	4 55.2
20	4 45 9.72	2.27	20 26 22.9	4.1	8.78 559	1 602	4 51.4
21	4 45 11.99	1.80	+20 26 18.8	4.9	8.76 957	1 595	4 47.5
22	4 45 13.79	1.35	20 26 13.9	5.8	8.75 362	1 586	4 43.6
23	4 45 15.14	0.88	20 26 8.1	6.5	8.73 776	1 579	4 39.7
24	4 45 16.02	0.42	20 26 1.6	7.3	8.72 197	1 570	4 35.7
25	4 45 16.44	0.05	20 25 54.3	8.1	8.70 627	1 561	4 31.8
26	4 45 16.39	0.50	20 25 46.2	8.9	8.69 066	1 551	4 27.9
27	4 45 15.89	0.97	+20 25 37.3	9.7	8.67 515	1 542	4 23.9
28	4 45 14.92	1.44	20 25 27.6	10.4	8.65 973	1 531	4 20.0
29	4 45 13.48	1.90	20 25 17.2	11.3	8.64 442	1 520	4 16.0
30	4 45 11.58	2.36	20 25 5.9	12.0	8.62 922	1 509	4 12.1
Okt. 1	4 45 9.22	2.82	20 24 53.9	12.8	8.61 413	1 497	4 8.1
2	4 45 6.40	3.29	20 24 41.1	13.5	8.59 916	1 484	4 4.1
3	4 45 3.11	3.74	+20 24 27.6	14.3	8.58 432	1 472	4 0.1
4	4 44 59.37	4.21	20 24 13.3	15.1	8.56 960	1 458	3 56.1
5	4 44 55.16	4.67	20 23 58.2	15.8	8.55 502	1 445	3 52.1
6	4 44 50.49	5.13	20 23 42.4	16.5	8.54 057	1 430	3 48.1
7	4 44 45.36	5.58	20 23 25.9	17.4	8.52 627	1 416	3 44.1
8	4 44 39.78	6.03	20 23 8.5	18.0	8.51 211	1 400	3 40.1
9	4 44 33.75	6.48	+20 22 50.5	18.7	8.49 811	1 384	3 36.0
10	4 44 27.27	6.93	20 22 31.8	19.5	8.48 427	1 368	3 32.0
11	4 44 20.34	7.38	20 22 12.3	20.2	8.47 059	1 350	3 27.9
12	4 44 12.96	7.82	20 21 52.1	20.9	8.45 709	1 334	3 23.9
13	4 44 5.14	8.25	20 21 31.2	21.7	8.44 375	1 316	3 19.8
14	4 43 56.89		+20 21 9.5		8.43 059		3 15.8

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	s	° ′ ″	″			h m
Okt. 14	4 43 56.89	8.69	+20 21 9.5	22.3	8.43 059	1 297	3 15.8
15	4 43 48.20	9.11	20 20 47.2	22.9	8.41 762	1 278	3 11.7
16	4 43 39.09	9.54	20 20 24.3	23.7	8.40 484	1 259	3 7.6
17	4 43 29.55	9.95	20 20 0.6	24.4	8.39 225	1 240	3 3.5
18	4 43 19.60	10.36	20 19 36.2	25.0	8.37 985	1 220	2 59.4
19	4 43 9.24	10.78	20 19 11.2	25.6	8.36 765	1 199	2 55.3
20	4 42 58.46	11.17	+20 18 45.6	26.2	8.35 566	1 178	2 51.2
21	4 42 47.29	11.57	20 18 19.4	26.9	8.34 388	1 157	2 47.1
22	4 42 35.72	11.97	20 17 52.5	27.5	8.33 231	1 135	2 43.0
23	4 42 23.75	12.35	20 17 25.0	28.1	8.32 096	1 113	2 38.8
24	4 42 11.40	12.73	20 16 56.9	28.8	8.30 983	1 091	2 34.7
25	4 41 58.67	13.10	20 16 28.1	29.3	8.29 892	1 068	2 30.6
26	4 41 45.57	13.48	+20 15 58.8	29.8	8.28 824	1 045	2 26.4
27	4 41 32.09	13.83	20 15 29.0	30.5	8.27 779	1 021	2 22.2
28	4 41 18.26	14.19	20 14 58.5	31.0	8.26 758	997	2 18.1
29	4 41 4.07	14.54	20 14 27.5	31.5	8.25 761	973	2 13.9
30	4 40 49.53	14.89	20 13 56.0	32.1	8.24 788	948	2 9.7
31	4 40 34.64	15.22	20 13 23.9	32.6	8.23 840	923	2 5.6
Nov. 1	4 40 19.42	15.55	+20 12 51.3	33.2	8.22 917	898	2 1.4
2	4 40 3.87	15.87	20 12 18.1	33.6	8.22 019	871	1 57.2
3	4 39 48.00	16.18	20 11 44.5	34.1	8.21 148	845	1 53.0
4	4 39 31.82	16.48	20 11 10.4	34.6	8.20 303	819	1 48.8
5	4 39 15.34	16.78	20 10 35.8	35.0	8.19 484	791	1 44.6
6	4 38 58.56	17.07	20 10 0.8	35.5	8.18 693	764	1 40.4
7	4 38 41.49	17.35	+20 9 25.3	35.9	8.17 929	736	1 36.2
8	4 38 24.14	17.61	20 8 49.4	36.2	8.17 193	708	1 31.9
9	4 38 6.53	17.86	20 8 13.2	36.7	8.16 485	680	1 27.7
10	4 37 48.67	18.11	20 7 36.5	37.1	8.15 805	651	1 23.5
11	4 37 30.56	18.35	20 6 59.4	37.4	8.15 154	622	1 19.3
12	4 37 12.21	18.58	20 6 22.0	37.8	8.14 532	593	1 15.0
13	4 36 53.63	18.78	+20 5 44.2	38.0	8.13 939	564	1 10.8
14	4 36 34.85	18.99	20 5 6.2	38.4	8.13 375	534	1 6.5
15	4 36 15.86	19.18	20 4 27.8	38.6	8.12 841	504	1 2.3
16	4 35 56.68	19.36	20 3 49.2	38.9	8.12 337	474	0 58.0
17	4 35 37.32	19.53	20 3 10.3	39.1	8.11 863	444	0 53.8
18	4 35 17.79	19.69	20 2 31.2	39.3	8.11 419	414	0 49.5
19	4 34 58.10	19.84	+20 1 51.9	39.5	8.11 005	383	0 45.3
20	4 34 38.26	19.97	20 1 12.4	39.7	8.10 622	353	0 41.0
21	4 34 18.29	20.10	20 0 32.7	39.8	8.10 269	322	0 36.8
22	4 33 58.19	20.22	19 59 52.9	39.9	8.09 947	291	0 32.5
23	4 33 37.97	20.32	19 59 13.0	40.0	8.09 656	260	0 28.2
24	4 33 17.65		+19 58 33.0		8.09 396		0 24.0

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942	h m s	s	° ′ ″	″			h m
Nov. 24	4 33 17.65	20.42	+19 58 33.0	40.2	8.09 396	229	0 24.0
25	4 32 57.23	20.50	19 57 52.8	40.2	8.09 167	198	0 19.7
26	4 32 36.73	20.57	19 57 12.6	40.2	8.08 969	167	0 15.4
27	4 32 16.16	20.63	19 56 32.4	40.2	8.08 802	135	0 11.1
28	4 31 55.53	20.68	19 55 52.2	40.2	8.08 667	104	0 6.9
29	4 31 34.85	20.72	19 55 12.0	40.2	8.08 563	72	{0 2.6 / 23 58.3}
30	4 31 14.13	20.74	+19 54 31.8	40.1	8.08 491	40	23 54.0
Dez. 1	4 30 53.39	20.75	19 53 51.7	40.0	8.08 451	9	23 49.8
2	4 30 32.64	20.75	19 53 11.7	40.0	8.08 442	23	23 45.5
3	4 30 11.89	20.75	19 52 31.7	39.8	8.08 465	55	23 41.2
4	4 29 51.14	20.72	19 51 51.9	39.6	8.08 520	87	23 36.9
5	4 29 30.42	20.69	19 51 12.3	39.5	8.08 607	118	23 32.7
6	4 29 9.73	20.64	+19 50 32.8	39.3	8.08 725	151	23 28.4
7	4 28 49.09	20.57	19 49 53.5	39.0	8.08 876	182	23 24.1
8	4 28 28.52	20.50	19 49 14.5	38.7	8.09 058	213	23 19.8
9	4 28 8.02	20.42	19 48 35.8	38.4	8.09 271	246	23 15.6
10	4 27 47.60	20.32	19 47 57.4	38.2	8.09 517	277	23 11.3
11	4 27 27.28	20.21	19 47 19.2	37.8	8.09 794	308	23 7.0
12	4 27 7.07	20.08	+19 46 41.4	37.3	8.10 102	340	23 2.8
13	4 26 46.99	19.95	19 46 4.1	37.0	8.10 442	370	22 58.5
14	4 26 27.04	19.80	19 45 27.1	36.5	8.10 812	402	22 54.2
15	4 26 7.24	19.64	19 44 50.6	36.1	8.11 214	432	22 50.0
16	4 25 47.60	19.48	19 44 14.5	35.6	8.11 646	463	22 45.7
17	4 25 28.12	19.30	19 43 38.9	35.1	8.12 109	492	22 41.5
18	4 25 8.82	19.11	+19 43 3.8	34.5	8.12 601	523	22 37.2
19	4 24 49.71	18.91	19 42 29.3	33.9	8.13 124	553	22 33.0
20	4 24 30.80	18.70	19 41 55.4	33.4	8.13 677	582	22 28.7
21	4 24 12.10	18.48	19 41 22.0	32.7	8.14 259	612	22 24.5
22	4 23 53.62	18.25	19 40 49.3	32.1	8.14 871	640	22 20.3
23	4 23 35.37	18.01	19 40 17.2	31.5	8.15 511	670	22 16.1
24	4 23 17.36	17.76	+19 39 45.7	30.8	8.16 181	698	22 11.8
25	4 22 59.60	17.51	19 39 14.9	30.0	8.16 879	727	22 7.6
26	4 22 42.09	17.24	19 38 44.9	29.3	8.17 606	755	22 3.4
27	4 22 24.85	16.96	19 38 15.6	28.6	8.18 361	783	21 59.2
28	4 22 7.89	16.67	19 37 47.0	27.8	8.19 144	810	21 55.0
29	4 21 51.22	16.38	19 37 19.2	27.0	8.19 954	837	21 50.8
30	4 21 34.84	16.08	+19 36 52.2	26.2	8.20 791	865	21 46.6
31	4 21 18.76	15.76	19 36 26.0	25.3	8.21 656	891	21 42.4
32	4 21 3.00		+19 36 0.7		8.22 547		21 38.2

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942		h m s	s	° ′ ″	′ ″			h m
Jan.	−3	3 38 47.09	28.25	+19 16 28.1	1 30.4	18.71 553	4 477	21 10.9
	+1	38 18.84	25.60	14 57.7	1 21.7	76 030	4 838	20 54.7
	5	37 53.24	22.77	13 36.0	1 12.4	80 868	5 173	20 38.6
	9	37 30.47	19.79	12 23.6	1 2.4	86 041	5 483	20 22.5
	13	37 10.68	16.67	11 21.2	0 51.6	91 524	5 763	20 6.5
	17	3 36 54.01	13.41	+19 10 29.6	0 40.8	18.97 287	6 012	19 50.5
	21	36 40.60	10.06	9 48.8	0 29.4	19.03 299	6 224	19 34.5
	25	36 30.54	6.64	9 19.4	0 17.7	09 523	6 406	19 18.6
	29	36 23.90	3.20	9 1.7	0 6.1	15 929	6 553	19 2.8
Febr.	2	36 20.70	0.28	8 55.6	0 5.7	22 482	6 666	18 47.0
	6	3 36 20.98	3.75	+19 9 1.3	0 17.8	19.29 148	6 751	18 31.3
	10	36 24.73	7.26	9 19.1	0 29.5	35 899	6 801	18 15.7
	14	36 31.99	10.75	9 48.6	0 41.2	42 700	6 816	18 0.1
	18	36 42.74	14.19	10 29.8	0 52.9	49 516	6 796	17 44.6
	22	36 56.93	17.56	11 22.7	1 4.1	56 312	6 742	17 29.1
	26	3 37 14.49	20.85	+19 12 26.8	1 15.2	19.63 054	6 658	17 13.6
März	2	37 35.34	24.06	13 42.0	1 25.5	69 712	6 543	16 58.2
	6	37 59.40	27.16	15 7.5	1 35.8	76 255	6 403	16 42.9
	10	38 26.56	30.19	16 43.3	1 45.3	82 658	6 234	16 27.7
	14	38 56.75	33.09	18 28.6	1 54.6	88 892	6 032	16 12.5
	18	3 39 29.84	35.87	+19 20 23.2	2 3.5	19.94 924	5 807	15 57.3
	22	40 5.71	38.51	22 26.7	2 11.3	20.00 731	5 554	15 42.2
	26	40 44.22	40.98	24 38.0	2 18.8	06 285	5 280	15 27.1
	30	41 25.20	43.30	26 56.8	2 25.7	11 565	4 984	15 12.0
April	3	42 8.50	45.47	29 22.5	2 31.8	16 549	4 672	14 57.0
	7	3 42 53.97	47.50	+19 31 54.3	2 37.5	20.21 221	4 339	14 42.1
	11	43 41.47	49.37	34 31.8	2 42.4	25 560	3 989	14 27.1
	15	44 30.84	51.09	37 14.2	2 47.0	29 549	3 621	14 12.2
	19	45 21.93	52.60	40 1.2	2 50.5	33 170	3 240	13 57.4
	23	46 14.53	53.92	42 51.7	2 53.7	36 410	2 848	13 42.5
	27	3 47 8.45	55.09	+19 45 45.4	2 56.0	20.39 258	2 445	13 27.7
Mai	1	48 3.54	56.06	48 41.4	2 57.5	41 703	2 038	13 12.9
	5	48 59.60	56.90	51 38.9	2 58.9	43 741	1 623	12 58.1
	9	49 56.50	57.55	54 37.8	2 59.4	45 364	1 199	12 43.3
	13	50 54.05	58.02	+19 57 37.2	2 59.6	46 563	772	12 28.5
	17	3 51 52.07	58.29	+20 0 36.8	2 58.8	20.47 335	340	12 13.7
	21	52 50.36	58.37	3 35.6	2 57.7	47 675	90	11 59.0
	25	53 48.73	58.27	6 33.3	2 56.1	47 585	516	11 44.2
	29	54 47.00	58.00	9 29.4	2 53.7	47 069	940	11 29.5
Juni	2	55 45.00	57.59	12 23.1	2 51.0	46 129	1 360	11 14.7
	6	3 56 42.59	56.97	+20 15 14.1	2 47.8	20.44 769	1 777	10 59.9
	10	57 39.56	56.20	18 1.9	2 44.3	42 992	2 185	10 45.1
	14	58 35.76	55.23	20 46.2	2 40.2	40 807	2 590	10 30.3
	18	3 59 30.99	54.07	23 26.4	2 35.7	38 217	2 981	10 15.5
	22	4 0 25.06	52.75	26 2.1	2 30.5	35 236	3 356	10 0.7
	26	4 1 17.81	51.27	+20 28 32.6	2 25.4	20.31 880	3 722	9 45.8
	30	2 9.08	49.65	30 58.0	2 19.7	28 158	4 071	9 31.0
Juli	4	4 2 58.73		+20 33 17.7		20.24 087		9 16.0

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942		h m s	s	° ′ ″	′ ″			h m
Juli	4	4 2 58.73	47.86	+20 33 17.7	2 13.6	20.24 087	4 407	9 16.0
	8	3 46.59	45.92	35 31.3	2 7.2	19 680	4 727	9 1.1
	12	4 32.51	43.79	37 38.5	2 0.8	14 953	5 031	8 46.1
	16	5 16.30	41.52	39 39.3	1 53.6	09 922	5 312	8 31.1
	20	5 57.82	39.10	41 32.9	1 46.5	20.04 610	5 572	8 16.1
	24	4 6 36.92	36.56	+20 43 19.4	1 38.8	19.99 038	5 806	8 1.0
	28	7 13.48	33.90	44 58.2	1 31.1	93 232	6 021	7 45.9
Aug.	1	7 47.38	31.13	46 29.3	1 23.4	87 211	6 213	7 30.7
	5	8 18.51	28.22	47 52.7	1 15.2	80 998	6 383	7 15.5
	9	8 46.73	25.19	49 7.9	1 7.0	74 615	6 523	7 0.2
	13	4 9 11.92	22.06	+20 50 14.9	0 58.4	19.68 092	6 635	6 44.9
	17	9 33.98	18.85	51 13.3	0 49.8	61 457	6 719	6 29.6
	21	9 52.83	15.58	52 3.1	0 40.9	54 738	6 771	6 14.2
	25	10 8.41	12.25	52 44.0	0 32.2	47 967	6 798	5 58.7
	29	10 20.66	8.89	53 16.2	0 23.5	41 169	6 794	5 43.1
Sept.	2	4 10 29.55	5.48	+20 53 39.7	0 14.5	19.34 375	6 763	5 27.6
	6	10 35.03	2.03	53 54.2	0 5.4	27 612	6 699	5 11.9
	10	10 37.06	1.44	53 59.6	0 3.6	20 913	6 602	4 56.2
	14	10 35.62	4.87	53 56.0	0 12.3	14 311	6 472	4 40.5
	18	10 30.75	8.24	53 43.7	0 21.2	07 839	6 311	4 24.7
	22	4 10 22.51	11.57	+20 53 22.5	0 29.9	19.01 528	6 121	4 8.8
	26	10 10.94	14.83	52 52.6	0 38.3	18.95 407	5 903	3 52.9
	30	9 56.11	17.99	52 14.3	0 46.8	89 504	5 654	3 36.9
Okt.	4	9 38.12	21.06	51 27.5	0 54.8	83 850	5 377	3 20.9
	8	9 17.06	24.01	50 32.7	1 2.7	78 473	5 071	3 4.8
	12	4 8 53.05	26.81	+20 49 30.0	1 10.2	18.73 402	4 734	2 48.7
	16	8 26.24	29.38	48 19.8	1 17.4	68 668	4 372	2 32.5
	20	7 56.86	31.77	47 2.4	1 24.1	64 296	3 989	2 16.3
	24	7 25.09	33.97	45 38.3	1 30.0	60 307	3 587	2 0.0
	28	6 51.12	35.94	44 8.3	1 35.8	56 720	3 161	1 43.7
Nov.	1	4 6 15.18	37.69	+20 42 32.5	1 40.8	18.53 559	2 719	1 27.4
	5	5 37.49	39.17	40 51.7	1 45.4	50 840	2 257	1 11.1
	9	4 58.32	40.37	39 6.3	1 49.1	48 583	1 782	0 54.7
	13	4 17.95	41.27	37 17.2	1 52.0	46 801	1 295	0 38.3
	17	3 36.68	41.87	35 25.2	1 54.2	45 506	804	0 21.9
	21	4 2 54.81	42.19	+20 33 31.0	1 55.7	18.44 702	307	0 5.4
	25	2 12.62	42.23	31 35.3	1 56.4	44 395	190	23 44.9
	29	1 30.39	41.96	29 38.9	1 55.9	44 585	690	23 28.5
Dez.	3	0 48.43	41.41	27 43.0	1 55.0	45 275	1 188	23 12.1
	7	4 0 7.02	40.54	25 48.0	1 52.9	46 463	1 680	22 55.7
	11	3 59 26.48	39.35	+20 23 55.1	1 50.1	18.48 143	2 165	22 39.3
	15	58 47.13	37.89	22 5.0	1 46.3	50 308	2 633	22 22.9
	19	58 9.24	36.17	20 18.7	1 41.8	52 941	3 084	22 6.5
	23	57 33.07	34.23	18 36.9	1 36.3	56 025	3 520	21 50.2
	27	56 58.84	32.03	17 0.6	1 30.2	59 545	3 936	21 33.9
	31	3 56 26.81		+20 15 30.4		18.63 481		21 17.7

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		Δ		Obere Kulmination in Greenwich
1942		h m s	s	° ′ ″	′ ″			h m
Jan.	−3	12 1 36.74	1.55	+1 14 36.4	0 3.7	30.12 570	6 871	5 36.4
	+1	1 38.29	0.47	14 40.1	0 16.7	30.05 699	6 784	5 20.7
	5	1 37.82	2.46	14 56.8	0 29.4	29.98 915	6 667	5 5.0
	9	1 35.36	4.46	15 26.2	0 42.3	92 248	6 517	4 49.2
	13	1 30.90	6.42	16 8.5	0 54.6	85 731	6 333	4 33.4
	17	12 1 24.48	8.32	+1 17 3.1	1 6.9	29.79 398	6 113	4 17.6
	21	1 16.16	10.17	18 10.0	1 18.4	73 285	5 860	4 1.7
	25	1 5.99	11.91	19 28.4	1 29.3	67 425	5 580	3 45.8
	29	0 54.08	13.61	20 57.7	1 39.8	61 845	5 271	3 29.9
Febr.	2	0 40.47	15.19	22 37.5	1 49.6	56 574	4 937	3 13.9
	6	12 0 25.28	16.68	+1 24 27.1	1 58.8	29.51 637	4 580	2 57.9
	10	12 0 8.60	18.06	26 25.9	2 7.1	47 057	4 196	2 41.9
	14	11 59 50.54	19.34	28 33.0	2 14.5	42 861	3 791	2 25.9
	18	59 31.20	20.48	30 47.5	2 21.3	39 070	3 363	2 9.9
	22	59 10.72	21.46	33 8.8	2 26.9	35 707	2 922	1 53.8
	26	11 58 49.26	22.31	+1 35 35.7	2 31.7	29.32 785	2 467	1 37.7
März	2	58 26.95	23.02	38 7.4	2 35.3	30 318	2 004	1 21.6
	6	58 3.93	23.58	40 42.7	2 38.2	28 314	1 530	1 5.5
	10	57 40.35	24.00	43 20.9	2 40.1	26 784	1 046	0 49.4
	14	57 16.35	24.26	46 1.0	2 40.9	25 738	559	0 33.3
	18	11 56 52.09	24.36	+1 48 41.9	2 40.5	29.25 179	69	0 17.1
	22	56 27.73	24.29	51 22.4	2 39.4	25 110	419	{0 1.0 / 23 57.0}
	26	56 3.44	24.08	54 1.8	2 37.0	25 529	900	23 40.8
	30	55 39.36	23.71	56 38.8	2 33.7	26 429	1 375	23 24.7
April	3	55 15.65	23.20	+1 59 12.5	2 29.5	27 804	1 841	23 8.6
	7	11 54 52.45	22.56	+2 1 42.0	2 24.6	29.29 645	2 298	22 52.5
	11	54 29.89	21.78	4 6.6	2 18.6	31 943	2 741	22 36.4
	15	54 8.11	20.85	6 25.2	2 11.8	34 684	3 173	22 20.3
	19	53 47.26	19.79	8 37.0	2 4.3	37 857	3 585	22 4.2
	23	53 27.47	18.62	10 41.3	1 55.9	41 442	3 974	21 48.2
	27	11 53 8.85	17.33	+2 12 37.2	1 46.9	29.45 416	4 345	21 32.2
Mai	1	52 51.52	15.96	14 24.1	1 37.4	49 761	4 689	21 16.1
	5	52 35.56	14.50	16 1.5	1 27.2	54 450	5 013	21 0.2
	9	52 21.06	12.94	17 28.7	1 16.6	59 463	5 316	20 44.2
	13	52 8.12	11.30	18 45.3	1 5.6	64 779	5 589	20 28.3
	17	11 51 56.82	9.60	+2 19 50.9	0 54.0	29.70 368	5 834	20 12.4
	21	51 47.22	7.83	20 44.9	0 42.2	76 202	6 051	19 56.5
	25	51 39.39	6.02	21 27.1	0 30.2	82 253	6 235	19 40.6
	29	51 33.37	4.19	21 57.3	0 18.2	88 488	6 393	19 24.8
Juni	2	51 29.18	2.33	22 15.5	0 5.8	29.94 881	6 521	19 9.0
	6	11 51 26.85	0.44	+2 22 21.3	0 6.7	30.01 402	6 622	18 53.2
	10	51 26.41	1.45	22 14.6	0 19.1	08 024	6 693	18 37.5
	14	51 27.86	3.37	21 55.5	0 31.5	14 717	6 730	18 21.8
	18	51 31.23	5.28	21 24.0	0 43.8	21 447	6 737	18 6.2
	22	51 36.51	7.16	20 40.2	0 55.9	28 184	6 711	17 50.5
	26	11 51 43.67	9.01	+2 19 44.3	1 7.9	30.34 895	6 660	17 34.9
	30	51 52.68	10.82	18 36.4	1 19.6	41 555	6 580	17 19.4
Juli	4	11 52 3.50		+2 17 16.8		30.48 135		17 3.8

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		0ʰ Welt-Zeit: Scheinbare Deklination		0ʰ Welt-Zeit: Δ		Obere Kulmination in Greenwich
1942	h m s	s	° ′ ″	′ ″			h m
Juli 4	11 52 3.50	12.63	+2 17 16.8	1 31.0	30.48 135	6 472	17 3.8
8	52 16.13	14.37	15 45.8	1 42.2	54 607	6 336	16 48.3
12	52 30.50	16.09	14 3.6	1 52.9	60 943	6 172	16 32.8
16	52 46.59	17.74	12 10.7	2 3.4	67 115	5 978	16 17.4
20	53 4.33	19.33	10 7.3	2 13.2	73 093	5 761	16 1.9
24	11 53 23.66	20.83	+2 7 54.1	2 22.6	30.78 854	5 519	15 46.5
28	53 44.49	22.27	5 31.5	2 31.6	84 373	5 253	15 31.1
Aug. 1	54 6.76	23.63	2 59.9	2 39.9	89 626	4 970	15 15.8
5	54 30.39	24.93	+2 0 20.0	2 47.8	94 596	4 663	15 0.4
9	54 55.32	26.14	+1 57 32.2	2 55.1	30.99 259	4 335	14 45.1
13	11 55 21.46	27.26	+1 54 37.1	3 1.9	31.03 594	3 985	14 29.8
17	55 48.72	28.28	51 35.2	3 7.9	07 579	3 617	14 14.6
21	56 17.00	29.19	48 27.3	3 13.2	11 196	3 239	13 59.3
25	56 46.19	30.00	45 14.1	3 18.0	14 435	2 847	13 44.1
29	57 16.19	30.73	41 56.1	3 21.9	17 282	2 439	13 28.9
Sept. 2	11 57 46.92	31.36	+1 38 34.2	3 25.5	31.19 721	2 023	13 13.6
6	58 18.28	31.86	35 8.7	3 27.9	21 744	1 594	12 58.4
10	58 50.14	32.28	31 40.8	3 29.9	23 338	1 156	12 43.2
14	59 22.42	32.56	28 10.9	3 31.1	24 494	712	12 28.0
18	11 59 54.98	32.72	24 39.8	3 31.5	25 206	264	12 12.9
22	12 0 27.70	32.78	+1 21 8.3	3 31.2	31.25 470	$\overline{182}$	11 57.7
26	1 0.48	32.72	17 37.1	3 30.0	25 288	630	11 42.5
30	1 33.20	32.57	14 7.1	3 28.3	24 658	1 078	11 27.3
Okt. 4	2 5.77	32.29	10 38.8	3 25.7	23 580	1 524	11 12.1
8	2 38.06	31.88	7 13.1	3 22.4	22 056	1 966	10 56.9
12	12 3 9.94	31.37	+1 3 50.7	3 18.2	31.20 090	2 404	10 41.7
16	3 41.31	30.71	+1 0 32.5	3 13.5	17 686	2 827	10 26.5
20	4 12.02	29.97	+0 57 19.0	3 7.8	14 859	3 238	10 11.3
24	4 41.99	29.11	54 11.2	3 1.6	11 621	3 638	9 56.1
28	5 11.10	28.15	51 9.6	2 54.6	07 983	4 024	9 40.8
Nov. 1	12 5 39.25	27.08	+0 48 15.0	2 47.0	31.03 959	4 394	9 25.6
5	6 6.33	25.89	45 28.0	2 38.7	30.99 565	4 748	9 10.3
9	6 32.22	24.61	42 49.3	2 29.8	94 817	5 082	8 55.0
13	6 56.83	23.21	40 19.5	2 20.1	89 735	5 388	8 39.7
17	7 20.04	21.73	37 59.4	2 9.9	84 347	5 671	8 24.3
21	12 7 41.77	20.17	+0 35 49.5	1 59.4	30.78 676	5 931	8 8.9
25	8 1.94	18.55	33 50.1	1 48.3	72 745	6 162	7 53.6
29	8 20.49	16.82	32 1.8	1 36.7	66 583	6 370	7 38.1
Dez. 3	8 37.31	15.03	30 25.1	1 24.7	60 213	6 547	7 22.7
7	8 52.34	13.17	29 0.4	1 12.3	53 666	6 691	7 7.2
11	12 9 5.51	11.26	+0 27 48.1	0 59.7	30.46 975	6 803	6 51.7
15	9 16.77	9.31	26 48.4	0 46.7	40 172	6 880	6 36.1
19	9 26.08	7.33	26 1.7	0 33.8	33 292	6 926	6 20.6
23	9 33.41	5.34	25 27.9	0 20.7	26 366	6 937	6 5.0
27	9 38.75	3.31	25 7.2	0 7.4	19 429	6 917	5 49.3
31	12 9 42.06		+0 24 59.8		30.12 512		5 33.6

Pluto 1942

Tag	0ʰ Welt-Zeit: Rektaszension 1950.0		Fixstern-aberration	Deklination 1950.0		Fixstern-aberration	Δ		Licht-zeit	Obere Kulmination in Greenwich
1942	h m s	s	s	° ′ ″	″	″			d	h m
Jan. −3	8 35 49.80	19.42	+1.24	+23 27 42.1	101.6	−5.3	37.52 714	3 449	0.2165	2 11
+1	35 30.38	20.29	1.29	29 23.7	102.6	5.3	49 265	3 005	2163	1 55
5	35 10.09	21.06	1.34	31 6.3	103.0	5.3	46 260	2 543	2162	1 39
9	34 49.03	21.69	1.37	32 49.3	102.9	5.3	43 717	2 068	2160	1 23
13	34 27.34	22.19	1.40	34 32.2	102.3	5.3	41 649	1 585	2159	1 6
17	8 34 5.15	22.54	+1.42	+23 36 14.5	100.9	−5.3	37.40 064	1 092	0.2158	0 50
21	33 42.61	22.74	1.44	37 55.4	99.2	5.2	38 972	595	2157	0 34
25	33 19.87	22.79	1.44	39 34.6	96.8	5.1	38 377	98	2157	0 18
29	32 57.08	22.70	1.44	41 11.4	94.0	4.9	38 279	$\overline{393}$	2157	{0 2 / 23 58}
Febr. 2	32 34.38	22.48	1.44	42 45.4	90.8	4.8	38 672	880	2157	23 42
6	8 32 11.90	22.13	+1.42	+23 44 16.2	87.0	−4.6	37.39 552	1 363	0.2158	23 26
10	31 49.77	21.62	1.40	45 43.2	82.9	4.4	40 915	1 837	2159	23 10
14	31 28.15	20.99	1.37	47 6.1	78.3	4.1	42 752	2 299	2160	22 54
18	31 7.16	20.21	1.33	48 24.4	73.3	3.9	45 051	2 747	2161	22 38
22	30 46.95	19.31	1.28	49 37.7	68.0	3.6	47 798	3 176	2163	22 22
26	8 30 27.64	18.28	+1.23	+23 50 45.7	62.5	−3.3	37.50 974	3 585	0.2164	22 6
März 2	30 9.36	17.17	1.18	51 48.2	56.7	3.0	54 559	3 972	2166	21 50
6	29 52.19	15.96	1.11	52 44.9	50.7	2.7	58 531	4 337	2169	21 33
10	29 36.23	14.63	1.04	53 35.6	44.6	2.3	62 868	4 681	2171	21 17
14	29 21.60	13.23	0.97	54 20.2	38.1	2.0	67 549	4 998	2174	21 1
18	8 29 8.37	11.73	+0.89	+23 54 58.3	31.6	−1.6	37.72 547	5 288	0.2177	20 45
22	28 56.64	10.16	0.81	55 29.9	25.1	1.3	77 835	5 547	2180	20 30
26	28 46.48	8.55	0.73	55 55.0	18.5	0.9	83 382	5 774	2183	20 14
30	28 37.93	6.88	0.64	56 13.5	11.9	0.6	89 156	5 971	2186	19 58
April 3	28 31.05	5.19	0.54	56 25.4	5.4	−0.2	37.95 127	6 141	2190	19 42
7	8 28 25.86	3.46	+0.45	+23 56 30.8	$\overline{1.1}$	+0.1	38.01 268	6 279	0.2193	19 26
11	28 22.40	1.68	0.36	56 29.7	7.6	0.5	07 547	6 388	2197	19 11
15	28 20.72	$\overline{0.09}$	0.26	56 22.1	13.9	0.9	13 935	6 461	2201	18 55
19	28 20.81	1.88	0.16	56 8.2	20.2	1.2	20 396	6 501	2204	18 39
23	28 22.69	3.65	+0.06	55 48.0	26.1	1.5	26 897	6 510	2208	18 23
27	8 28 26.34	5.41	−0.04	+23 55 21.9	32.0	+1.9	38.33 407	6 487	0.2212	18 8
Mai 1	28 31.75	7.15	0.14	54 49.9	37.7	2.2	39 894	6 435	2216	17 52
5	28 38.90	8.86	0.23	54 12.2	43.1	2.5	46 329	6 356	2219	17 36
9	28 47.76	10.54	0.33	53 29.1	48.4	2.8	52 685	6 245	2223	17 21
13	28 58.30	12.19	0.42	52 40.7	53.3	3.1	58 930	6 106	2227	17 5
17	8 29 10.49	13.79	−0.51	+23 51 47.4	58.1	+3.3	38.65 036	5 936	0.2230	16 50
21	29 24.28	15.32	0.60	50 49.3	62.5	3.6	70 972	5 738	2234	16 34
25	29 39.60	16.80	0.69	49 46.8	66.7	3.8	76 710	5 515	2237	16 19
29	29 56.40	18.20	0.77	48 40.1	70.5	4.1	82 225	5 271	2240	16 3
Juni 2	30 14.60	19.55	0.85	47 29.6	74.0	4.3	87 496	5 004	2243	15 48
6	8 30 34.15	20.82	−0.92	+23 46 15.6	77.3	+4.5	38.92 500	4 714	0.2246	15 33
10	30 54.97	22.02	0.99	44 58.3	80.2	4.7	38.97 214	4 402	2249	15 17
14	31 16.99	23.14	1.06	43 38.1	82.7	4.8	39.01 616	4 070	2251	15 2
18	31 40.13	24.17	1.12	42 15.4	85.0	4.9	05 686	3 718	2254	14 46
22	32 4.30	25.10	1.18	40 50.4	86.8	5.1	09 404	3 350	2256	14 31
26	8 32 29.40	25.94	−1.23	+23 39 23.6	88.4	+5.2	39.12 754	2 970	0.2258	14 16
30	32 55.34	26.69	1.27	37 55.2	89.5	5.2	15 724	2 580	2259	14 1
Juli 4	8 33 22.03		−1.31	+23 36 25.7		+5.3	39.18 304		0.2261	13 45

Pluto 1942

Tag		Rektaszension 1950.0 (0ʰ Welt-Zeit)		Fixstern-aberration	Deklination 1950.0		Fixstern-aberration	Δ		Licht-zeit	Obere Kulmination in Greenwich
1942		h m s	s	s	° ′ ″	″	″			d	h m
Juli	4	8 33 22.03	27.36	−1.31	+23 36 25.7	90.3	+5.3	39.18 304	2 174	0.2261	13 45
	8	33 49.39	27.94	1.35	34 55.4	90.7	5.3	20 478	1 758	2262	13 30
	12	34 17.33	28.40	1.38	33 24.7	90.8	5.3	22 236	1 331	2263	13 15
	16	34 45.73	28.76	1.40	31 53.9	90.5	5.3	23 567	897	2264	12 59
	20	35 14.49	29.02	1.42	30 23.4	89.8	5.3	24 464	459	2264	12 44
	24	8 35 43.51	29.18	−1.43	+23 28 53.6	88.7	+5.3	39.24 923	20	0.2265	12 29
	28	36 12.69	29.23	1.44	27 24.9	87.2	5.2	24 943	$\overline{419}$	2265	12 14
Aug.	1	36 41.92	29.19	1.44	25 57.7	85.4	5.1	24 524	859	2264	11 59
	5	37 11.11	29.06	1.43	24 32.3	83.3	5.0	23 665	1 301	2264	11 44
	9	37 40.17	28.81	1.42	23 9.0	80.7	4.8	22 364	1 740	2263	11 29
	13	8 38 8.98	28.46	−1.40	+23 21 48.3	77.7	+4.7	39.20 624	2 174	0.2262	11 13
	17	38 37.44	27.99	1.38	20 30.6	74.4	4.5	18 450	2 599	2261	10 57
	21	39 5.43	27.43	1.35	19 16.2	70.7	4.3	15 851	3 013	2259	10 42
	25	39 32.86	26.77	1.32	18 5.5	66.8	4.1	12 838	3 415	2258	10 27
	29	39 59.63	26.03	1.27	16 58.7	62.4	3.8	09 423	3 809	2256	10 12
Sept.	2	8 40 25.66	25.19	−1.23	+23 15 56.3	57.7	+3.5	39.05 614	4 187	0.2254	9 56
	6	40 50.85	24.25	1.18	14 58.6	52.8	3.3	39.01 427	4 553	2251	9 41
	10	41 15.10	23.21	1.12	14 5.8	47.4	3.0	38.96 874	4 901	2249	9 26
	14	41 38.31	22.07	1.06	13 18.4	41.9	2.7	91 973	5 228	2246	9 10
	18	42 0.38	20.87	0.99	12 36.5	36.0	2.3	86 745	5 533	2243	8 55
	22	8 42 21.25	19.57	−0.92	+23 12 0.5	30.0	+2.0	38.81 212	5 814	0.2239	8 40
	26	42 40.82	18.22	0.84	11 30.5	23.7	1.7	75 398	6 073	2236	8 24
	30	42 59.04	16.79	0.76	11 6.8	17.2	1.3	69 325	6 310	2233	8 9
Okt.	4	43 15.83	15.27	0.68	10 49.6	10.5	0.9	63 015	6 521	2229	7 53
	8	43 31.10	13.71	0.59	10 39.1	3.7	0.6	56 494	6 703	2225	7 38
	12	8 43 44.81	12.07	−0.50	+23 10 35.4	$\overline{3.2}$	+0.2	38.49 791	6 855	0.2221	7 23
	16	43 56.88	10.39	0.41	10 38.6	10.2	−0.2	42 936	6 975	2217	7 7
	20	44 7.27	8.67	0.31	10 48.8	17.2	0.6	35 961	7 064	2213	6 51
	24	44 15.94	6.93	0.21	11 6.0	24.3	1.0	28 897	7 123	2209	6 36
	28	44 22.87	5.15	0.12	11 30.3	31.2	1.4	21 774	7 151	2205	6 20
Nov.	1	8 44 28.02	3.36	−0.02	+23 12 1.5	38.1	−1.8	38.14 623	7 147	0.2201	6 4
	5	44 31.38	1.53	+0.08	12 39.6	44.9	2.1	07 476	7 110	2197	5 49
	9	44 32.91	$\overline{0.30}$	0.18	13 24.5	51.7	2.5	38.00 366	7 037	2193	5 33
	13	44 32.61	2.10	0.28	14 16.2	58.1	2.9	37.93 329	6 928	2189	5 17
	17	44 30.51	3.89	0.38	15 14.3	64.2	3.2	86 401	6 787	2185	5 2
	21	8 44 26.62	5.65	+0.48	+23 16 18.5	70.2	−3.5	37.79 614	6 614	0.2181	4 46
	25	44 20.97	7.38	0.57	17 28.7	75.8	3.8	73 000	6 412	2177	4 30
	29	44 13.59	9.06	0.67	18 44.5	81.0	4.1	66 588	6 178	2173	4 14
Dez.	3	44 4.53	10.69	0.76	20 5.5	86.0	4.4	60 410	5 912	2170	3 58
	7	43 53.84	12.27	0.84	21 31.5	90.4	4.6	54 498	5 616	2166	3 42
	11	8 43 41.57	13.75	+0.92	+23 23 1.9	94.4	−4.8	37.48 882	5 289	0.2163	3 26
	15	43 27.82	15.15	1.00	24 36.3	97.8	5.0	43 593	4 936	2160	3 11
	19	43 12.67	16.45	1.07	26 14.1	100.7	5.2	38 657	4 561	2157	2 55
	23	42 56.22	17.65	1.14	27 54.8	103.2	5.3	34 096	4 165	2155	2 39
	27	42 38.57	18.75	1.20	29 38.0	105.0	5.4	29 931	3 746	2152	2 22
	31	42 19.82	19.74	1.25	31 23.0	106.5	5.5	26 185	3 308	2150	2 6
	35	8 42 0.08		+1.30	+23 33 9.5		−5.6	37.22 877		0.2148	1 50

0^h Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942												
Jan. 0	+0.154 583	+17 241	− 48	+2	−0.890 866	+ 2 676	+276	+1	−0.386 381	+1 161	+121	+4
1	0.171 824	17 187	54	−3	0.888 190	2 951	275	0	0.385 220	1 280	119	+1
2	0.189 011	17 128	59	−4	0.885 239	3 225	274	0	0.383 940	1 399	119	+2
3	0.206 139	17 064	64	−3	0.882 014	3 498	273	+1	0.382 541	1 518	119	+2
4	0.223 203	16 996	68	0	0.878 516	3 771	273	+4	0.381 023	1 636	118	0
5	0.240 199	16 922	74	−3	0.874 745	4 041	270	−1	0.379 387	1 753	117	−2
6	+0.257 121	+16 843	− 79	−4	−0.870 704	+ 4 312	+271	+4	−0.377 634	+1 871	+118	+3
7	0.273 964	16 759	84	−4	0.866 392	4 581	269	+2	0.375 763	1 988	117	+1
8	0.290 723	16 670	89	0	0.861 811	4 849	268	−1	0.373 775	2 103	115	−3
9	0.307 393	16 577	93	+3	0.856 962	5 115	266	−3	0.371 672	2 220	117	+4
10	0.323 970	16 477	100	−2	0.851 847	5 381	266	+2	0.369 452	2 334	114	−3
11	0.340 447	16 373	104	+1	0.846 466	5 646	265	+2	0.367 118	2 449	115	+1
12	+0.356 820	+16 263	−110	+1	−0.840 820	+ 5 907	+261	−4	−0.364 669	+2 562	+113	0
13	0.373 083	16 148	115	+2	0.834 913	6 169	262	+4	0.362 107	2 676	114	+5
14	0.389 231	16 028	120	+3	0.828 744	6 429	260	+4	0.359 431	2 788	112	+3
15	0.405 259	15 901	127	−2	0.822 315	6 686	257	−1	0.356 643	2 900	112	+4
16	0.421 160	15 771	130	+4	0.815 629	6 941	255	−3	0.353 743	3 010	110	−2
17	0.436 931	15 634	137	−2	0.808 688	7 194	253	−3	0.350 733	3 120	110	−1
18	+0.452 565	+15 491	−143	−5	−0.801 494	+ 7 444	+250	−4	−0.347 613	+3 228	+108	−5
19	0.468 056	15 345	146	+3	0.794 050	7 691	247	−4	0.344 385	3 335	107	−5
20	0.483 401	15 194	151	+4	0.786 359	7 936	245	+2	0.341 050	3 441	106	−2
21	0.498 595	15 037	157	−1	0.778 423	8 179	243	+5	0.337 609	3 547	106	+2
22	0.513 632	14 876	161	−2	0.770 244	8 417	238	−2	0.334 062	3 650	103	−5
23	0.528 508	14 710	166	−3	0.761 827	8 653	236	−2	0.330 412	3 752	102	−4
24	+0.543 218	+14 541	−169	+2	−0.753 174	+ 8 886	+233	−1	−0.326 660	+3 854	+102	0
25	0.557 759	14 366	175	−1	0.744 288	9 115	229	−3	0.322 806	3 953	99	−5
26	0.572 125	14 189	177	+4	0.735 173	9 343	228	+3	0.318 853	4 052	99	−2
27	0.586 314	14 006	183	−1	0.725 830	9 566	223	−2	0.314 801	4 149	97	−4
28	0.600 320	13 820	186	0	0.716 264	9 786	220	−1	0.310 652	4 244	95	−4
29	0.614 140	13 630	190	−1	0.706 478	10 004	218	+5	0.306 408	4 339	95	+3
30	+0.627 770	+13 435	−195	−4	−0.696 474	+10 218	+214	+4	−0.302 069	+4 433	+ 94	+4
31	0.641 205	13 238	197	+2	0.686 256	10 430	212	+5	0.297 636	4 523	90	−4
Febr. 1	0.654 443	13 037	201	0	0.675 826	10 637	207	−3	0.293 113	4 614	91	+3
2	0.667 480	12 831	206	−5	0.665 189	10 841	204	−3	0.288 499	4 703	89	+4
3	0.680 311	12 622	209	−2	0.654 348	11 043	202	+3	0.283 796	4 790	87	+2
4	0.692 933	12 410	212	+2	0.643 305	11 242	199	+5	0.279 006	4 877	87	+5
5	+0.705 343	+12 194	−216	+3	−0.632 063	+11 437	+195	−1	−0.274 129	+4 961	+ 84	−3
6	0.717 537	11 974	220	+3	0.620 626	11 628	191	−4	0.269 168	5 044	83	−4
7	0.729 511	11 751	223	+5	0.608 998	11 817	189	+2	0.264 124	5 125	81	−4
8	0.741 262	11 524	227	+4	0.597 181	12 002	185	+2	0.258 999	5 206	81	+2
9	0.752 786	+11 293	231	+1	0.585 179	+12 184	182	+5	0.253 793	+5 284	78	+1
10	+0.764 079		−235	−2	−0.572 995		+178	+4	−0.248 509		+ 78	+5

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	*Y*			ΔY*)	*Z*			ΔZ*)
1942												
Febr. 10	+0.764 079	+11 058	−235	−2	−0.572 995	+12 362	+178	+4	−0.248 509	+5 362	+78	+5
11	0.775 137	10 820	238	−1	0.560 633	12 536	174	+3	0.243 147	5 437	75	0
12	0.785 957	10 578	242	−2	0.548 097	12 707	171	+4	0.237 710	5 510	73	−2
13	0.796 535	10 332	246	−4	0.535 390	12 872	165	−2	0.232 200	5 583	73	+3
14	0.806 867	10 084	248	0	0.522 518	13 035	163	+2	0.226 617	5 652	69	−3
15	0.816 951	9 831	253	−5	0.509 483	13 191	156	−4	0.220 965	5 721	69	+2
16	+0.826 782	+9 576	−255	−1	−0.496 292	+13 345	+154	+3	−0.215 244	+5 787	+66	−1
17	0.836 358	9 318	258	+2	0.482 947	13 493	148	+1	0.209 457	5 851	64	+1
18	0.845 676	9 058	260	+2	0.469 454	13 637	144	+3	0.203 606	5 914	63	+5
19	0.854 734	8 794	264	−5	0.455 817	13 776	139	+3	0.197 692	5 975	61	+4
20	0.863 528	8 528	266	−4	0.442 041	13 911	135	+4	0.191 717	6 033	58	−3
21	0.872 056	8 261	267	+1	0.428 130	14 041	130	+2	0.185 684	6 089	56	−5
22	+0.880 317	+7 990	−271	−3	−0.414 089	+14 166	+125	−1	−0.179 595	+6 144	+55	−3
23	0.888 307	7 719	271	+3	0.399 923	14 287	121	+2	0.173 451	6 196	52	−4
24	0.896 026	7 445	274	−2	0.385 636	14 404	117	+4	0.167 255	6 247	51	0
25	0.903 471	7 169	276	−5	0.371 232	14 515	111	−2	0.161 008	6 296	49	0
26	0.910 640	6 891	278	−5	0.356 717	14 623	108	+2	0.154 712	6 342	46	−2
27	0.917 531	6 613	278	+1	0.342 094	14 725	102	0	0.148 370	6 387	45	+2
28	+0.924 144	+6 332	−281	−4	−0.327 369	+14 824	+ 99	+5	−0.141 983	+6 430	+43	+2
März 1	0.930 476	6 050	282	−1	0.312 545	14 918	94	+2	0.135 553	6 471	41	0
2	0.936 526	5 767	283	+3	0.297 627	15 008	90	+1	0.129 082	6 509	38	−2
3	0.942 293	5 483	284	+3	0.282 619	15 093	85	−4	0.122 573	6 547	38	+4
4	0.947 776	5 197	286	−2	0.267 526	15 173	80	−5	0.116 026	6 582	35	−1
5	0.952 973	4 909	288	−5	0.252 353	15 251	78	+4	0.109 444	6 615	33	−3
6	+0.957 882	+4 620	−289	−3	−0.237 102	+15 324	+ 73	+3	−0.102 829	+6 646	+31	−2
7	0.962 502	4 331	289	+5	0.221 778	15 391	67	−4	0.096 183	6 676	30	+1
8	0.966 833	4 039	202	+1	0.206 387	15 455	64	+2	0.089 507	6 703	27	−1
9	0.970 872	3 747	292	+3	0.190 932	15 515	60	+4	0.082 804	6 729	26	+1
10	0.974 619	3 452	295	−1	0.175 417	15 569	54	−1	0.076 075	6 752	23	+1
11	0.978 071	3 157	295	+2	0.159 848	15 619	50	+2	0.069 323	6 774	22	+4
12	+0.981 228	+2 861	−296	+3	−0.144 229	+15 664	+ 45	+3	−0.062 549	+6 793	+19	+1
13	0.984 089	2 564	297	+2	0.128 565	15 705	41	+4	0.055 756	6 811	18	+3
14	0.986 653	2 265	299	−5	0.112 860	15 739	34	−4	0.048 945	6 825	14	−2
15	0.988 918	1 966	299	−4	0.097 121	15 769	30	−1	0.042 120	6 839	14	+4
16	0.990 884	1 667	299	−2	0.081 352	15 795	26	+4	0.035 281	6 849	10	0
17	0.992 551	1 367	300	−3	0.065 557	15 814	19	−4	0.028 432	6 858	9	+4
18	+0.993 918	+1 067	−300	−2	−0.049 743	+15 829	+ 15	−2	−0.021 574	+6 865	+ 7	+5
19	0.994 985	768	299	+2	0.033 914	15 838	9	−5	0.014 709	6 869	4	−1
20	0.995 753	468	300	−2	0.018 076	15 843	+ 5	−1	0.007 840	6 870	1	−4
21	0.996 221	+ 169	299	−1	−0.002 233	15 842	− 1	−3	−0.000 970	6 871	+ 1	+4
22	0.996 390	− 130	299	−1	+0.013 609	+15 838	4	+3	+0.005 901	+6 869	− 2	+2
23	+0.996 260		−298	+1	+0.029 447		− 11	−5	+0.012 770		− 5	−2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942												
März 23	+0.996 260	− 428	−298	+1	+0.029 447	+15 827	− 11	−5	+0.012 770	+6 864	− 5	−2
24	0.995 832	725	297	+2	0.045 274	15 812	15	−2	0.019 634	6 858	6	+2
25	0.995 107	1 023	298	−3	0.061 086	15 793	19	+1	0.026 492	6 850	8	+3
26	0.994 084	1 318	295	+4	0.076 879	15 768	25	−3	0.033 342	6 839	11	0
27	0.992 766	1 613	295	+2	0.092 647	15 739	29	+1	0.040 181	6 827	12	+3
28	0.991 153	1 907	294	+1	0.108 386	15 706	33	+4	0.047 008	6 813	14	+1
29	+0.989 246	− 2 200	−293	+2	+0.124 092	+15 669	− 37	+4	+0.053 821	+6 796	−17	−4
30	0.987 046	2 491	291	+4	0.139 761	15 626	43	−3	0.060 617	6 778	18	−2
31	0.984 555	2 782	291	0	0.155 387	15 580	46	−2	0.067 395	6 758	20	−3
April 1	0.981 773	3 071	289	+2	0.170 967	15 529	51	−5	0.074 153	6 735	23	−5
2	0.978 702	3 359	288	+1	0.186 496	15 474	55	−4	0.080 888	6 712	23	+2
3	0.975 343	3 647	288	−4	0.201 970	15 416	58	+3	0.087 600	6 686	26	+2
4	+0.971 696	− 3 933	−286	−1	+0.217 386	+15 353	− 63	0	+0.094 286	+6 659	−27	+4
5	0.967 763	4 218	285	−1	0.232 739	15 285	68	−3	0.100 945	6 630	29	+3
6	0.963 545	4 502	284	−1	0.248 024	15 214	71	+1	0.107 575	6 598	32	−2
7	0.959 043	4 785	283	−2	0.263 238	15 138	76	+1	0.114 173	6 565	33	+1
8	0.954 258	5 067	282	−1	0.278 376	15 057	81	−1	0.120 738	6 530	35	+2
9	0.949 191	5 347	280	+1	0.293 433	14 973	84	+4	0.127 268	6 493	37	+4
10	+0.943 844	− 5 626	−279	+1	+0.308 406	+14 883	− 90	−2	+0.133 761	+6 455	−38	+4
11	0.938 218	5 903	277	+3	0.323 289	14 789	94	−2	0.140 216	6 413	42	−3
12	0.932 315	6 178	275	+4	0.338 078	14 690	99	−3	0.146 629	6 370	43	0
13	0.926 137	6 452	274	0	0.352 768	14 586	104	−3	0.152 999	6 326	44	+3
14	0.919 685	6 723	271	+3	0.367 354	14 479	107	+5	0.159 325	6 279	47	+1
15	0.912 962	6 992	269	+3	0.381 833	14 367	112	+4	0.165 604	6 230	49	+1
16	+0.905 970	− 7 258	−266	+5	+0.396 200	+14 250	−117	0	+0.171 834	+6 180	−50	+5
17	0.898 712	7 522	264	0	0.410 450	14 129	121	−3	0.178 014	6 128	52	+3
18	0.891 190	7 784	262	−3	0.424 579	14 003	126	−5	0.184 142	6 073	55	−3
19	0.883 406	8 042	258	0	0.438 582	13 874	129	+1	0.190 215	6 017	56	0
20	0.875 364	8 298	256	−1	0.452 456	13 741	133	+4	0.196 232	5 960	57	+4
21	0.867 066	8 551	253	+1	0.466 197	13 604	137	+4	0.202 192	5 900	60	+1
22	+0.858 515	− 8 800	−249	+4	+0.479 801	+13 462	−142	0	+0.208 092	+5 839	−61	+4
23	0.849 715	9 047	247	−1	0.493 263	13 318	144	+3	0.213 931	5 777	62	+4
24	0.840 668	9 291	244	−1	0.506 581	13 169	149	0	0.219 708	5 712	65	−1
25	0.831 377	9 531	240	+1	0.519 750	13 017	152	0	0.225 420	5 646	66	0
26	0.821 846	9 768	237	0	0.532 767	12 861	156	0	0.231 066	5 579	67	+3
27	0.812 078	10 003	235	−3	0.545 628	12 703	158	+5	0.236 645	5 510	69	+1
28	+0.802 075	−10 233	−230	+4	+0.558 331	+12 541	−162	+3	+0.242 155	+5 440	−70	+1
29	0.791 842	10 461	228	+3	0.570 872	12 376	165	+3	0.247 595	5 368	72	−2
30	0.781 381	10 685	224	+5	0.583 248	12 208	168	+2	0.252 963	5 295	73	0
Mai 1	0.770 696	10 907	222	+1	0.595 456	12 037	171	+2	0.258 258	5 221	74	0
2	0.759 789	−11 126	219	+1	0.607 493	+11 863	174	+1	0.263 479	+5 145	76	−3
3	+0.748 663		−215	+5	+0.619 356		−178	−1	+0.268 624		−77	−2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942												
Mai 3	+0.748 663	−11 341	−215	+5	+0.619 356	+11 685	−178	−1	+0.268 624	+5 068	− 77	−2
4	0.737 322	11 554	213	+4	0.631 041	11 505	180	+5	0.273 692	4 989	79	0
5	0.725 768	11 763	209	+4	0.642 546	11 322	183	+5	0.278 681	4 910	79	+5
6	0.714 005	11 970	207	−1	0.653 868	11 135	187	+1	0.283 591	4 829	81	+3
7	0.702 035	12 173	203	−1	0.665 003	10 944	191	−2	0.288 420	4 746	83	0
8	0.689 862	12 374	201	−4	0.675 947	10 751	193	+2	0.293 166	4 662	84	−1
9	+0.677 488	−12 569	−195	+4	+0.686 698	+10 554	−197	−2	+0.297 828	+4 577	− 85	−1
10	0.664 919	12 762	193	−1	0.697 252	10 354	200	−2	0.302 405	4 489	88	−4
11	0.652 157	12 951	189	−3	0.707 606	10 150	204	−3	0.306 894	4 402	87	+4
12	0.639 206	13 136	185	−3	0.717 756	9 945	205	+3	0.311 296	4 312	90	+1
13	0.626 070	13 317	181	−2	0.727 701	9 735	210	−3	0.315 608	4 222	90	+5
14	0.612 753	13 494	177	0	0.737 436	9 522	213	−4	0.319 830	4 130	92	+2
15	+0.599 259	−13 666	−172	+3	+0.746 958	+ 9 308	−214	+2	+0.323 960	+4 037	− 93	0
16	0.585 593	13 834	168	+1	0.756 266	9 090	218	−1	0.327 997	3 942	95	−4
17	0.571 759	13 999	165	−3	0.765 356	8 869	221	−2	0.331 939	3 847	95	−1
18	0.557 760	14 158	159	+3	0.774 225	8 647	222	+5	0.335 786	3 750	97	−2
19	0.543 602	14 313	155	+3	0.782 872	8 422	225	+5	0.339 536	3 653	97	+2
20	0.529 289	14 463	150	+3	0.791 294	8 195	227	+4	0.343 189	3 555	98	+3
21	+0.514 826	−14 610	−147	−4	+0.799 489	+ 7 965	−230	0	+0.346 744	+3 455	−100	−2
22	0.500 216	14 752	142	−1	0.807 454	7 734	231	+2	0.350 199	3 355	100	−1
23	0.485 464	14 888	136	+4	0.815 188	7 501	233	+1	0.353 554	3 254	101	−2
24	0.470 576	15 021	133	0	0.822 689	7 266	235	−1	0.356 808	3 151	103	−4
25	0.455 555	15 149	128	0	0.829 955	7 029	237	−4	0.359 959	3 050	101	+4
26	0.440 406	15 272	123	0	0.836 984	6 791	238	−2	0.363 009	2 946	104	−2
27	+0.425 134	−15 392	−120	−5	+0.843 775	+ 6 552	−239	+3	+0.365 955	+2 842	−104	−3
28	0.409 742	15 507	115	−5	0.850 327	6 311	241	+1	0.368 797	2 737	105	−2
29	0.394 235	15 618	111	−4	0.856 638	6 069	242	+1	0.371 534	2 632	105	+1
30	0.378 617	15 725	107	−2	0.862 707	5 826	243	+3	0.374 166	2 527	105	+5
31	0.362 892	15 827	102	+4	0.868 533	5 581	245	−1	0.376 693	2 420	107	0
Juni 1	0.347 065	15 926	99	+2	0.874 114	5 334	247	−3	0.379 113	2 313	107	+2
2	+0.331 139	−16 020	− 94	+1	+0.879 448	+ 5 087	−247	+1	+0.381 426	+2 206	−107	+4
3	0.315 119	16 111	91	−3	0.884 535	4 837	250	−3	0.383 632	2 097	109	0
4	0.299 008	16 197	86	−1	0.889 372	4 586	251	0	0.385 729	1 989	108	+4
5	0.282 811	16 279	82	+1	0.893 958	4 334	252	+4	0.387 718	1 879	110	−3
6	0.266 532	16 355	76	+5	0.898 292	4 080	254	+1	0.389 597	1 768	111	−5
7	0.250 177	16 428	73	0	0.902 372	3 824	256	−1	0.391 365	1 658	110	+2
8	+0.233 749	−16 496	− 68	−1	+0.906 196	+ 3 568	−256	+3	+0.393 023	+1 547	−111	+3
9	0.217 253	16 558	62	+2	0.909 764	3 309	259	−2	0.394 570	1 435	112	+1
10	0.200 695	16 617	59	−4	0.913 073	3 051	258	+5	0.396 005	1 323	112	0
11	0.184 078	16 669	52	+2	0.916 124	2 791	260	+2	0.397 328	1 210	113	−2
12	0.167 409	−16 718	49	−3	0.918 915	+ 2 530	261	−1	0.398 538	+1 097	113	−2
13	+0.150 691		− 42	+2	+0.921 445		−262	−3	+0.399 635		−113	0

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	*Y*			ΔY*)	*Z*			ΔZ*)
1942												
Juni 13	+0.150 691	−16 760	− 42	+2	+0.921 445	+2 268	−262	−3	+0.399 635	+ 984	−113	0
14	0.133 931	16 799	39	−4	0.923 713	2 006	262	−1	0.400 619	870	114	−2
15	0.117 132	16 831	32	+2	0.925 719	1 743	263	−2	0.401 489	756	114	−1
16	0.100 301	16 860	29	−3	0.927 462	1 480	263	+1	0.402 245	643	113	+4
17	0.083 441	16 882	22	+4	0.928 942	1 217	263	+2	0.402 888	528	115	−1
18	0.066 559	16 900	18	+2	0.930 159	953	264	+1	0.403 416	414	114	+2
19	+0.049 659	−16 913	− 13	+2	+0.931 112	+ 690	−263	+5	+0.403 830	+ 300	−114	+2
20	0.032 746	16 920	7	+4	0.931 802	427	263	+3	0.404 130	186	114	+1
21	+0.015 826	16 923	− 3	0	0.932 229	+ 163	264	−2	0.404 316	+ 71	115	−3
22	−0.001 097	16 922	+ 1	−4	0.932 392	− 99	262	+2	0.404 387	− 42	113	+3
23	0.018 019	16 914	8	+2	0.932 293	362	263	−1	0.404 345	157	115	−3
24	0.034 933	16 904	10	−4	0.931 931	623	261	+4	0.404 188	270	113	+3
25	−0.051 837	−16 887	+ 17	+4	+0.931 308	− 885	−262	0	+0.403 918	− 383	−113	+2
26	0.068 724	16 867	20	+1	0.930 423	1 145	260	+5	0.403 535	497	114	−4
27	0.085 591	16 842	25	0	0.929 278	1 405	260	+2	0.403 038	610	113	0
28	0.102 433	16 814	28	−3	0.927 873	1 665	260	0	0.402 428	722	112	+2
29	0.119 247	16 780	34	+1	0.926 208	1 924	259	+1	0.401 706	835	113	−2
30	0.136 027	16 743	37	−1	0.924 284	2 183	259	+2	0.400 871	947	112	−2
Juli 1	−0.152 770	−16 701	+ 42	0	+0.922 101	−2 441	−258	+4	+0.399 924	−1 060	−113	−5
2	0.169 471	16 655	46	0	0.919 660	2 699	258	+2	0.398 864	1 172	112	−1
3	0.186 126	16 604	51	+1	0.916 961	2 957	258	0	0.397 692	1 283	111	+5
4	0.202 730	16 549	55	+1	0.914 004	3 214	257	−1	0.396 409	1 394	111	+3
5	0.219 279	16 488	61	+4	0.910 790	3 471	257	−2	0.395 015	1 506	112	−3
6	0.235 767	16 424	64	−2	0.907 319	3 727	256	−2	0.393 509	1 617	111	−4
7	−0.252 191	−16 354	+ 70	+3	+0.903 592	−3 982	−255	−1	+0.391 892	−1 728	−111	−3
8	0.268 545	16 279	75	+4	0.899 610	4 237	255	−4	0.390 164	1 838	110	+2
9	0.284 824	16 200	79	+1	0.895 373	4 490	253	+1	0.388 326	1 947	109	+5
10	0.301 024	16 115	85	+2	0.890 883	4 742	252	+2	0.386 379	2 056	109	+2
11	0.317 139	16 027	88	−4	0.886 141	4 993	251	+2	0.384 323	2 166	110	−4
12	0.333 166	15 932	95	+1	0.881 148	5 242	249	+2	0.382 157	2 273	107	+4
13	−0.349 098	−15 834	+ 98	−5	+0.875 906	−5 491	−249	−3	+0.379 884	−2 381	−108	0
14	0.364 932	15 731	103	−4	0.870 415	5 737	246	+1	0.377 503	2 488	107	+1
15	0.380 663	15 622	109	+1	0.864 678	5 982	245	+1	0.375 015	2 593	105	+5
16	0.396 285	15 510	112	−2	0.858 696	6 224	242	+3	0.372 422	2 699	106	−3
17	0.411 795	15 392	118	+4	0.852 472	6 466	242	−4	0.369 723	2 804	105	−3
18	0.427 187	15 270	122	+3	0.846 006	6 705	239	−1	0.366 919	2 907	103	+2
19	−0.442 457	−15 143	+127	+3	+0.839 301	−6 941	−236	+5	+0.364 012	−3 010	−103	0
20	0.457 600	15 013	130	−3	0.832 360	7 175	234	+4	0.361 002	3 112	102	+2
21	0.472 613	14 878	135	−1	0.825 185	7 408	233	−2	0.357 890	3 212	100	+5
22	0.487 491	14 739	139	−1	0.817 777	7 637	229	+3	0.354 678	3 312	100	+2
23	0.502 230	−14 597	142	−4	0.810 140	−7 864	227	0	0.351 366	−3 411	99	0
24	−0.516 827		+148	+3	+0.802 276		−226	−4	+0.347 955		− 98	+1

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942												
Juli 24	−0.516 827	−14 449	+148	+3	+0.802 276	− 8 090	−226	−4	+0.347 955	−3 509	−98	+1
25	0.531 276	14 300	149	−4	0.794 186	8 312	222	+2	0.344 446	3 605	96	+4
26	0.545 576	14 145	155	+2	0.785 874	8 532	220	+2	0.340 841	3 701	96	+2
27	0.559 721	13 988	157	−5	0.777 342	8 750	218	+1	0.337 140	3 796	95	+2
28	0.573 709	13 827	161	−4	0.768 592	8 966	216	−1	0.333 344	3 889	93	+5
29	0.587 536	13 663	164	−4	0.759 626	9 180	214	−4	0.329 455	3 982	93	0
30	−0.601 199	−13 494	+169	+2	+0.750 446	− 9 391	−211	−2	+0.325 473	−4 074	−92	−1
31	0.614 693	13 321	173	+3	0.741 055	9 601	210	−5	0.321 399	4 165	91	+1
Aug. 1	0.628 014	13 146	175	−3	0.731 454	9 808	207	−2	0.317 234	4 254	89	+4
2	0.641 160	12 965	181	+2	0.721 646	10 013	205	−2	0.312 980	4 343	89	−1
3	0.654 125	12 782	183	−4	0.711 633	10 215	202	−1	0.308 637	4 431	88	−2
4	0.666 907	12 594	188	−1	0.701 418	10 415	200	−1	0.304 206	4 517	86	0
5	−0.679 501	−12 402	+192	+1	+0.691 003	−10 612	−197	0	+0.299 689	−4 603	−86	−2
6	0.691 903	12 206	196	+1	0.680 391	10 806	194	+1	0.295 086	4 687	84	+2
7	0.704 109	12 007	199	−3	0.669 585	10 998	192	−2	0.290 399	4 769	82	+4
8	0.716 116	11 804	203	−3	0.658 587	11 186	188	+4	0.285 630	4 851	82	0
9	0.727 920	11 597	207	−1	0.647 401	11 371	185	+5	0.280 779	4 931	80	−1
10	0.739 517	11 386	211	+2	0.636 030	11 552	181	+5	0.275 848	5 010	79	−3
11	−0.750 903	−11 172	+214	+1	+0.624 478	−11 732	−180	−4	+0.270 838	−5 088	−78	−3
12	0.762 075	10 953	219	+4	0.612 746	11 907	175	−2	0.265 750	5 163	75	+1
13	0.773 028	10 733	220	−4	0.600 839	12 079	172	0	0.260 587	5 238	75	−3
14	0.783 761	10 508	225	−1	0.588 760	12 246	167	+3	0.255 349	5 311	73	−3
15	0.794 269	10 280	228	0	0.576 514	12 411	165	−3	0.250 038	5 382	71	0
16	0.804 549	10 049	231	−1	0.564 103	12 572	161	−3	0.244 656	5 452	70	−1
17	−0.814 598	− 9 815	+234	−2	+0.551 531	−12 728	−156	+3	+0.239 204	−5 520	−68	0
18	0.824 413	9 579	236	−5	0.538 803	12 880	152	+4	0.233 684	5 586	66	+2
19	0.833 992	9 340	239	−2	0.525 923	13 030	150	−4	0.228 098	5 651	65	0
20	0.843 332	9 098	242	+3	0.512 893	13 175	145	0	0.222 447	5 714	63	−1
21	0.852 430	8 853	245	+5	0.499 718	13 316	141	+2	0.216 733	5 776	62	−1
22	0.861 283	8 608	245	−3	0.486 402	13 453	137	+4	0.210 957	5 835	59	+3
23	−0.869 891	− 8 359	+249	+1	+0.472 949	−13 587	−134	+2	+0.205 122	−5 893	−58	+1
24	0.878 250	8 108	251	+2	0.459 362	13 717	130	+2	0.199 229	5 950	57	−3
25	0.886 358	7 856	252	−2	0.445 645	13 843	126	+2	0.193 279	6 005	55	−2
26	0.894 214	7 601	255	+1	0.431 802	13 967	124	−4	0.187 274	6 058	53	−1
27	0.901 815	7 343	258	+4	0.417 835	14 086	119	0	0.181 216	6 110	52	−3
28	0.909 158	7 085	258	−3	0.403 749	14 202	116	−1	0.175 106	6 160	50	−2
29	−0.916 243	− 6 823	+262	+3	+0.389 547	−14 314	−112	+1	+0.168 946	−6 209	−49	−3
30	0.923 066	6 558	265	+5	0.375 233	14 423	109	−1	0.162 737	6 256	47	0
31	0.929 624	6 293	265	−2	0.360 810	14 527	104	+1	0.156 481	6 301	45	+3
Sept. 1	0.935 917	6 024	269	+2	0.346 283	14 629	102	−4	0.150 180	6 344	43	+3
2	0.941 941	− 5 753	271	+3	0.331 654	−14 725	96	+2	0.143 836	−6 387	43	−2
3	−0.947 694		+273	−1	+0.316 929		− 93	−1	+0.137 449		−39	+3

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942												
Sept. 3	−0.947 694	−5 480	+273	−1	+0.316 929	−14 818	−93	−1	+0.137 449	−6 426	−39	+3
4	0.953 174	5 206	274	−5	0.302 111	14 907	89	0	0.131 023	6 465	39	−2
5	0.958 380	4 929	277	−2	0.287 204	14 990	83	+4	0.124 558	6 501	36	0
6	0.963 309	4 650	279	+2	0.272 214	15 071	81	−3	0.118 057	6 536	35	−2
7	0.967 959	4 369	281	+3	0.257 143	15 147	76	−1	0.111 521	6 569	33	−1
8	0.972 328	4 087	282	+1	0.241 996	15 217	70	+5	0.104 952	6 599	30	+5
9	−0.976 415	−3 802	+285	+3	+0.226 779	−15 284	−67	+2	+0.098 353	−6 628	−29	+4
10	0.980 217	3 517	285	−3	0.211 495	15 345	61	+2	0.091 725	6 655	27	+3
11	0.983 734	3 231	286	−5	0.196 150	15 403	58	−4	0.085 070	6 679	24	+4
12	0.986 965	2 942	289	+4	0.180 747	15 455	52	−3	0.078 391	6 703	24	−3
13	0.989 907	2 653	289	+4	0.165 292	15 503	48	−3	0.071 688	6 723	20	+3
14	0.992 560	2 362	291	+5	0.149 789	15 545	42	+1	0.064 965	6 742	19	+2
15	−0.994 922	−2 072	+290	−3	+0.134 244	−15 583	−38	−1	+0.058 223	−6 758	−16	+4
16	0.996 994	1 781	291	−4	0.118 661	15 616	33	−1	0.051 465	6 773	15	0
17	0.998 775	1 490	291	−5	0.103 045	15 645	29	−1	0.044 692	6 785	12	+1
18	1.000 265	1 198	292	+1	0.087 400	15 668	23	+3	0.037 907	6 796	11	−2
19	1.001 463	905	293	+5	0.071 732	15 688	20	+1	0.031 111	6 804	8	0
20	1.002 368	613	292	−1	0.056 044	15 702	14	+4	0.024 307	6 811	7	−4
21	−1.002 981	− 322	+291	−5	+0.040 342	−15 713	−11	−2	+0.017 496	−6 816	−5	−4
22	1.003 303	− 29	293	+1	0.024 629	15 720	7	−4	0.010 680	6 818	2	−1
23	1.003 332	+ 263	292	−1	+0.008 909	15 721	− 1	+3	+0.003 862	6 820	− 2	−4
24	1.003 069	556	293	+1	−0.006 812	15 719	+ 2	−1	−0.002 958	6 818	+ 2	+5
25	1.002 513	848	292	−4	0.022 531	15 713	6	−3	0.009 776	6 815	3	+2
26	1.001 665	1 140	292	−4	0.038 244	15 702	11	+1	0.016 591	6 811	4	−1
27	−1.000 525	+1 434	+294	+2	−0.053 946	−15 687	+15	−1	−0.023 402	−6 804	+ 7	+4
28	0.999 091	1 726	292	−3	0.069 633	15 668	19	−2	0.030 206	6 795	9	+4
29	0.997 365	2 019	293	−2	0.085 301	15 644	24	0	0.037 001	6 785	10	0
30	0.995 346	2 311	292	−3	0.100 945	15 615	29	+3	0.043 786	6 772	13	+2
Okt. 1	0.993 035	2 605	294	+4	0.116 560	15 583	32	−1	0.050 558	6 758	14	−2
2	0.990 430	2 897	292	−1	0.132 143	15 545	38	+3	0.057 316	6 742	16	−2
3	−0.987 533	+3 189	+292	−3	−0.147 688	−15 502	+43	+5	−0.064 058	−6 723	+19	+4
4	0.984 344	3 480	291	−3	0.163 190	15 455	47	−1	0.070 781	6 702	21	+2
5	0.980 864	3 772	292	+3	0.178 645	15 404	51	−5	0.077 483	6 680	22	−4
6	0.977 092	4 063	291	+1	0.194 049	15 347	57	−3	0.084 163	6 656	24	−4
7	0.973 029	4 352	289	−4	0.209 396	15 286	61	−5	0.090 819	6 629	27	0
8	0.968 677	4 641	289	0	0.224 682	15 220	66	−3	0.097 448	6 600	29	+2
9	−0.964 036	+4 929	+288	+2	−0.239 902	−15 148	+72	+2	−0.104 048	−6 569	+31	+1
10	0.959 107	5 216	287	+3	0.255 050	15 072	76	0	0.110 617	6 537	32	−3
11	0.953 891	5 501	285	0	0.270 122	14 991	81	+1	0.117 154	6 501	36	+5
12	0.948 390	5 785	284	0	0.285 113	14 905	86	+3	0.123 655	6 464	37	+1
13	0.942 605	+6 066	281	−3	0.300 018	−14 814	91	+4	0.130 119	−6 425	39	0
14	−0.936 539		+281	+2	−0.314 832		+96	+5	−0.136 544		+41	+1

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1950.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942												
Okt. 14	−0.936 539	+ 6 347	+281	+2	−0.314 832	−14 718	+ 96	+5	−0.136 544	−6 384	+ 41	+1
15	0.930 192	6 624	277	−4	0.329 550	14 618	100	−1	0.142 928	6 340	44	+4
16	0.923 568	6 900	276	−2	0.344 168	14 514	104	−5	0.149 268	6 295	45	−1
17	0.916 668	7 173	273	−5	0.358 682	14 406	108	−4	0.155 563	6 249	46	−4
18	0.909 495	7 444	271	−5	0.373 088	14 292	114	+4	0.161 812	6 199	50	+4
19	0.902 051	7 713	269	−2	0.387 380	14 175	117	0	0.168 011	6 149	50	0
20	−0.894 338	+ 7 979	+266	−1	−0.401 555	−14 054	+121	−2	−0.174 160	−6 096	+ 53	+3
21	0.886 359	8 244	265	+4	0.415 609	13 930	124	−4	0.180 256	6 042	54	+2
22	0.878 115	8 506	262	+3	0.429 539	13 800	130	+4	0.186 298	5 985	57	+4
23	0.869 609	8 766	260	+1	0.443 339	13 668	132	−1	0.192 283	5 929	56	−4
24	0.860 843	9 023	257	−2	0.457 007	13 530	138	+4	0.198 212	5 868	61	+4
25	0.851 820	9 278	255	−1	0.470 537	13 390	140	−4	0.204 080	5 808	60	−3
26	−0.842 542	+ 9 531	+253	+2	−0.483 927	−13 246	+144	−5	−0.209 888	−5 745	+ 63	+1
27	0.833 011	9 782	251	+4	0.497 173	13 097	149	−3	0.215 633	5 680	65	+2
28	0.823 229	10 030	248	+1	0.510 270	12 945	152	−3	0.221 313	5 614	66	0
29	0.813 199	10 276	246	0	0.523 215	12 788	157	+3	0.226 927	5 546	68	+2
30	0.802 923	10 518	242	−5	0.536 003	12 627	161	+4	0.232 473	5 476	70	+4
31	0.792 405	10 759	241	−1	0.548 630	12 462	165	+1	0.237 949	5 404	72	+3
Nov. 1	−0.781 646	+10 996	+237	−5	−0.561 092	−12 294	+168	−4	−0.243 353	−5 332	+ 72	−1
2	0.770 650	11 230	234	−3	0.573 386	12 121	173	−2	0.248 685	5 256	76	+5
3	0.759 420	11 463	233	+3	0.585 507	11 945	176	−3	0.253 941	5 180	76	+2
4	0.747 957	11 690	227	−4	0.597 452	11 763	182	+3	0.259 121	5 101	79	+4
5	0.736 267	11 916	226	+2	0.609 215	11 579	184	−3	0.264 222	5 021	80	+2
6	0.724 351	12 138	222	−1	0.620 794	11 390	189	−1	0.269 243	4 939	82	0
7	−0.712 213	+12 355	+217	−4	−0.632 184	−11 197	+193	+1	−0.274 182	−4 856	+ 83	−4
8	0.699 858	12 570	215	+3	0.643 381	11 000	197	+1	0.279 038	4 771	85	−3
9	0.687 288	12 781	211	+3	0.654 381	10 800	200	−2	0.283 809	4 684	87	0
10	0.674 507	12 987	206	−1	0.665 181	10 595	205	+2	0.288 493	4 595	89	+2
11	0.661 520	13 189	202	−3	0.675 776	10 388	207	−1	0.293 088	4 506	89	−2
12	0.648 331	13 386	197	−5	0.686 164	10 176	212	+4	0.297 594	4 414	92	+5
13	−0.634 945	+13 580	+194	0	−0.696 340	− 9 962	+214	−1	−0.302 008	−4 321	+ 93	+4
14	0.621 365	13 768	188	−3	0.706 302	9 745	217	−4	0.306 329	4 227	94	+2
15	0.607 597	13 953	185	+4	0.716 047	9 525	220	−4	0.310 556	4 132	95	0
16	0.593 644	14 134	181	+5	0.725 572	9 303	222	−3	0.314 688	4 035	97	+2
17	0.579 510	14 309	175	−2	0.734 875	9 077	226	+3	0.318 723	3 937	98	+1
18	0.565 201	14 481	172	−1	0.743 952	8 848	229	+5	0.322 660	3 839	98	−1
19	−0.550 720	+14 648	+167	−4	−0.752 800	− 8 619	+229	−3	−0.326 499	−3 738	+101	+4
20	0.536 072	14 810	162	−5	0.761 419	8 385	234	+2	0.330 237	3 637	101	+1
21	0.521 262	14 970	160	+4	0.769 804	8 150	235	−3	0.333 874	3 535	102	+1
22	0.506 292	15 124	154	+1	0.777 954	7 913	237	−4	0.337 409	3 432	103	+1
23	0.491 168	+15 275	151	+3	0.785 867	− 7 672	241	+4	0.340 841	−3 327	105	+5
24	−0.475 893		+145	−1	−0.793 539		+243	+5	−0.344 168		+105	+3

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1950.0 X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1942												
Nov. 24	−0.475 893	+15 420	+145	−1	−0.793 539	−7 429	+243	+5	−0.344 168	−3 222	+105	+3
25	0.460 473	15 562	142	+3	0.800 968	7 184	245	+2	0.347 390	3 115	107	+3
26	0.444 911	15 700	138	+4	0.808 152	6 937	247	0	0.350 505	3 008	107	−1
27	0.429 211	15 832	132	−3	0.815 089	6 687	250	+2	0.353 513	2 900	108	−2
28	0.413 379	15 960	128	−3	0.821 776	6 435	252	+1	0.356 413	2 790	110	+2
29	0.397 419	16 083	123	−3	0.828 211	6 180	255	+1	0.359 203	2 680	110	−1
30	−0.381 336	+16 203	+120	+3	−0.834 391	−5 924	+256	−4	−0.361 883	−2 569	+111	+1
Dez. 1	0.365 133	16 317	114	0	0.840 315	5 665	259	−4	0.364 452	2 456	113	+5
2	0.348 816	16 426	109	−3	0.845 980	5 405	260	−5	0.366 908	2 343	113	+2
3	0.332 390	16 530	104	−3	0.851 385	5 141	264	+2	0.369 251	2 229	114	−1
4	0.315 860	16 630	100	0	0.856 526	4 876	265	+3	0.371 480	2 114	115	−3
5	0.299 230	16 723	93	−3	0.861 402	4 608	268	+5	0.373 594	1 999	115	−5
6	−0.282 507	+16 813	+ 90	+3	−0.866 010	−4 339	+269	−1	−0.375 593	−1 882	+117	−1
7	0.265 694	16 895	82	−4	0.870 349	4 069	270	−5	0.377 475	1 765	117	0
8	0.248 799	16 973	78	−1	0.874 418	3 796	273	−2	0.379 240	1 647	118	+2
9	0.231 826	17 045	72	0	0.878 214	3 523	273	−5	0.380 887	1 528	119	+5
10	0.214 781	17 111	66	−1	0.881 737	3 248	275	+1	0.382 415	1 409	119	+4
11	0.197 670	17 171	60	−3	0.884 985	2 972	276	+4	0.383 824	1 289	120	+4
12	−0.180 499	+17 226	+ 55	0	−0.887 957	−2 695	+277	+5	−0.385 113	−1 170	+119	−2
13	0.163 273	17 275	49	0	0.890 652	2 418	277	+3	0.386 283	1 049	121	+2
14	0.145 998	17 319	44	+2	0.893 070	2 141	277	0	0.387 332	929	120	−3
15	0.128 679	17 357	38	0	0.895 211	1 862	279	+4	0.388 261	809	120	−4
16	0.111 322	17 390	33	+1	0.897 073	1 585	277	−3	0.389 070	687	122	+2
17	0.093 932	17 418	28	+1	0.898 658	1 306	279	+2	0.389 757	567	120	−3
18	−0.076 514	+17 440	+ 22	−1	−0.899 964	−1 027	+279	+3	−0.390 324	− 446	+121	−1
19	0.059 074	17 458	18	0	0.900 991	749	278	+1	0.390 770	324	122	+2
20	0.041 616	17 469	11	−4	0.901 740	469	280	+5	0.391 094	204	120	−4
21	0.024 147	17 477	8	+2	0.902 209	− 190	279	0	0.391 298	− 82	122	+1
22	−0.006 670	17 479	+ 2	−2	0.902 399	+ 89	279	−4	0.391 380	+ 39	121	−1
23	+0.010 809	17 475	− 4	−5	0.902 310	368	279	−5	0.391 341	161	122	−3
24	+0.028 284	+17 467	− 8	−2	−0.901 942	+ 647	+279	−5	−0.391 181	+ 281	+120	−1
25	0.045 751	17 453	14	−3	0.901 295	926	279	−2	0.390 900	403	122	+1
26	0.063 204	17 435	18	+2	0.900 369	1 206	280	+4	0.390 497	523	120	−4
27	0.080 639	17 411	24	−1	0.899 163	1 484	278	−2	0.389 974	644	121	+1
28	0.098 050	17 381	30	−2	0.897 679	1 763	279	+1	0.389 330	766	122	+5
29	0.115 431	17 348	33	+4	0.895 916	2 042	279	+2	0.388 564	886	120	−1
30	+0.132 779	+17 307	− 41	−4	−0.893 874	+2 319	+277	−2	−0.387 678	+1 007	+121	−1
31	0.150 086	+17 262	45	+1	0.891 555	+2 598	279	+4	0.386 671	+1 127	120	−5
32	+0.167 348		− 50	+5	−0.888 957		+277	0	−0.385 544		+120	−5

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

Mittleres Äquinoktium 1950.0

MERKUR 1942

0^h Welt-Zeit	log r	Helioz. Länge	Red. auf d. Bahn	Helioz. Breite	0^h Welt-Zeit	log r	Helioz. Länge	Red. auf d. Bahn	Helioz. Breite
1942		°	°	°	1942		°	°	°
Jan. 1	9.6401	299.31	+0.13	−6.65	Juli 5	9.5939	331.07	−0.10	−6.82
6	9.6172	315.98	+0.01	−7.00	10	9.5609	352.17	−0.20	−5.79
11	9.5880	334.80	−0.12	−6.70	15	9.5267	16.73	−0.19	−3.62
16	9.5544	356.50	−0.21	−5.47	20	9.4990	44.99	−0.02	−0.34
21	9.5207	21.77	−0.17	−3.08	25	9.4878	75.97	+0.18	+3.32
26	9.4954	50.65	+0.02	+0.36	30	9.4983	107.19	+0.19	+6.04
31	9.4882	81.90	+0.20	+3.94	Aug. 4	9.5256	135.90	+0.01	+7.00
Febr. 5	9.5024	112.83	+0.16	+6.36	9	9.5597	160.76	−0.15	+6.45
10	9.5318	140.87	−0.02	+6.99	14	9.5929	181.93	−0.21	+5.03
15	9.5662	165.00	−0.17	+6.23	19	9.6212	200.19	−0.18	+3.25
20	9.5987	185.55	−0.21	+4.72	24	9.6431	216.39	−0.08	+1.39
25	9.6258	203.37	−0.16	+2.90	29	9.6583	231.24	+0.03	−0.43
März 2	9.6464	219.27	−0.06	+1.04	Sept. 3	9.6669	245.30	+0.12	−2.12
7	9.6604	233.93	+0.05	−0.76	8	9.6689	259.05	+0.19	−3.65
12	9.6678	247.89	+0.14	−2.42	13	9.6644	272.91	+0.21	−4.98
17	9.6686	261.63	+0.20	−3.92	18	9.6534	287.34	+0.19	−6.05
22	9.6629	275.57	+0.21	−5.20	23	9.6357	302.81	+0.11	−6.77
27	9.6506	290.15	+0.18	−6.21	28	9.6113	319.89	−0.02	−7.00
April 1	9.6316	305.87	+0.09	−6.86	Okt. 3	9.5809	339.27	−0.15	−6.52
6	9.6060	323.33	−0.04	−6.97	8	9.5468	1.70	−0.21	−5.05
11	9.5747	343.23	−0.17	−6.33	13	9.5141	27.79	−0.14	−2.40
16	9.5403	6.31	−0.21	−4.65	18	9.4920	57.36	+0.07	+1.17
21	9.5088	33.10	−0.10	−1.78	23	9.4896	88.79	+0.21	+4.61
26	9.4899	63.19	+0.11	+1.87	28	9.5080	119.27	+0.13	+6.65
Mai 1	9.4916	94.68	+0.21	+5.13	Nov. 2	9.5392	146.48	−0.06	+6.92
6	9.5132	124.67	+0.09	+6.82	7	9.5736	169.77	−0.19	+5.95
11	9.5457	151.15	−0.10	+6.82	12	9.6051	189.65	−0.21	+4.34
16	9.5799	173.74	−0.20	+5.68	17	9.6309	206.98	−0.14	+2.49
21	9.6104	193.08	−0.20	+4.00	22	9.6501	222.56	−0.04	+0.64
26	9.6350	210.02	−0.12	+2.14	27	9.6626	237.02	+0.07	−1.13
31	9.6529	225.34	−0.02	+0.30	Dez. 2	9.6685	250.90	+0.16	−2.76
Juni 5	9.6642	239.66	+0.09	−1.45	7	9.6679	264.64	+0.21	−4.22
10	9.6689	253.48	+0.17	−3.05	12	9.6608	278.68	+0.21	−5.45
15	9.6671	267.25	+0.21	−4.47	17	9.6470	293.47	+0.16	−6.39
20	9.6587	281.39	+0.20	−5.65	22	9.6266	309.52	+0.06	−6.93
25	9.6437	296.37	+0.15	−6.53	27	9.5996	327.44	−0.07	−6.90
30	9.6220	312.71	+0.04	−6.98	32	9.5673	347.97	−0.19	−6.06
Juli 5	9.5939	331.07	−0.10	−6.82					

$\Omega = 47^\circ.739$ $\quad i = 7^\circ.004$ $\quad m = \frac{1}{6\,000\,000}$

Mittleres Äquinoktium 1950.0

0^h Welt-Zeit	Julian. Zeit	log r	Heliozentr. Länge	Red. auf d. Bahn	Heliozentr. Breite	log R	Länge
		VENUS 1942				ERDE 1942	
1942	d		°	in 0.001	°		°
Jan. 1	2430 360.5	9.85745	80.342	+ 7	+0.242	9.99268	100.063
11	370.5	9.85689	96.499	+33	+1.176	9.99275	110.255
21	380.5	9.85652	112.702	+48	+2.018	9.99304	120.438
31	390.5	9.85638	128.938	+48	+2.701	9.99355	130.603
Febr. 10	400.5	9.85647	145.192	+34	+3.168	9.99425	140.739
20	2430 410.5	9.85679	161.440	+ 8	+3.382	9.99513	150.838
März 2	420.5	9.85731	177.660	−20	+3.327	9.99614	160.893
12	430.5	9.85798	193.829	−41	+3.009	9.99727	170.899
22	440.5	9.85877	209.931	−50	+2.456	9.99847	180.851
April 1	450.5	9.85959	225.957	−44	+1.714	9.99971	190.748
11	2430 460.5	9.86039	241.910	−24	+0.842	0.00095	200.587
21	470.5	9.86110	257.800	+ 3	−0.092	0.00216	210.371
Mai 1	480.5	9.86168	273.643	+29	−1.016	0.00330	220.103
11	490.5	9.86208	289.459	+46	−1.860	0.00433	229.786
21	500.5	9.86227	305.267	+50	−2.564	0.00524	239.425
31	2430 510.5	9.86223	321.085	+39	−3.073	0.00600	249.027
Juni 10	520.5	9.86197	336.924	+16	−3.349	0.00658	258.600
20	530.5	9.86151	352.795	−11	−3.372	0.00697	268.152
30	540.5	9.86088	8.702	−36	−3.137	0.00717	277.690
Juli 10	550.5	9.86013	24.650	−49	−2.661	0.00716	287.224
20	2430 560.5	9.85932	40.641	−48	−1.978	0.00695	296.763
30	570.5	9.85850	56.678	−32	−1.138	0.00654	306.316
Aug. 9	580.5	9.85775	72.763	− 6	−0.207	0.00595	315.890
19	590.5	9.85712	88.899	+22	+0.744	0.00519	325.495
29	600.5	9.85666	105.082	+43	+1.638	0.00427	335.137
Sept. 8	2430 610.5	9.85641	121.305	+50	+2.404	0.00322	344.823
18	620.5	9.85640	137.553	+42	+2.978	0.00208	354.558
28	630.5	9.85661	153.807	+21	+3.315	0.00086	4.346
Okt. 8	640.5	9.85704	170.044	− 7	+3.387	9.99962	14.189
18	650.5	9.85765	186.239	−32	+3.190	9.99838	24.089
28	2430 660.5	9.85839	202.373	−48	+2.743	9.99718	34.045
Nov. 7	670.5	9.85920	218.435	−49	+2.083	9.99606	44.055
17	680.5	9.86003	234.421	−35	+1.263	9.99506	54.114
27	690.5	9.86079	250.339	−10	+0.350	9.99419	64.216
Dez. 7	700.5	9.86143	266.201	+17	−0.587	9.99351	74.355
17	2430 710.5	9.86192	282.027	+39	−1.477	9.99302	84.521
27	720.5	9.86221	297.836	+50	−2.254	9.99274	94.705
37	2430 730.5	9.86228	313.647	+46	−2.860	9.99269	104.897

Venus: $\Omega = 76\overset{\circ}{.}230$ $\quad i = 3\overset{\circ}{.}394$

$m = \frac{1}{408\,000}$

Erde: $m = \frac{1}{329\,390}$

Mittleres Äquinoktium 1950.0

0ʰ Welt-Zeit		log r	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite	log r	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite
		MARS 1942				JUPITER 1942			
1942			°	in 0.001 °	°		°	in 0.0001 °	°
Jan.	1	0.17834	64.021	+ 7	+0.474	0.706083	78.4945	−51	−0.4785
	11	0.18209	69.301	10	0.636	0.706370	79.3635	49	0.4600
	21	0.18577	74.492	12	0.791	0.706657	80.2313	47	0.4414
	31	0.18937	79.597	13	0.937	0.706946	81.0979	46	0.4227
Febr.	10	0.19286	84.620	14	1.073	0.707237	81.9634	44	0.4040
	20	0.19622	89.564	+15	+1.199	0.707530	82.8277	−42	−0.3852
März	2	0.19943	94.435	15	1.314	0.707824	83.6909	40	0.3663
	12	0.20247	99.236	15	1.419	0.708120	84.5528	38	0.3474
	22	0.20532	103.973	14	1.512	0.708417	85.4136	36	0.3284
April	1	0.20797	108.651	13	1.594	0.708715	86.2732	34	0.3094
	11	0.21041	113.274	+12	+1.664	0.709014	87.1316	−32	−0.2903
	21	0.21263	117.849	10	1.724	0.709316	87.9888	30	0.2712
Mai	1	0.21462	122.379	8	1.771	0.709618	88.8449	28	0.2521
	11	0.21638	126.871	6	1.808	0.709921	89.6997	26	0.2330
	21	0.21789	131.329	4	1.833	0.710225	90.5533	24	0.2138
	31	0.21915	135.759	+ 2	+1.847	0.710530	91.4057	−22	−0.1946
Juni	10	0.22016	140.166	− 1	1.850	0.710835	92.2570	20	0.1753
	20	0.22091	144.555	3	1.842	0.711143	93.1070	18	0.1561
	30	0.22141	148.931	5	1.824	0.711449	93.9558	16	0.1368
Juli	10	0.22165	153.299	7	1.795	0.711757	94.8034	13	0.1176
	20	0.22163	157.666	− 9	+1.755	0.712065	95.6498	−11	−0.0983
	30	0.22135	162.035	11	1.705	0.712374	96.4950	9	0.0791
Aug.	9	0.22081	166.412	12	1.646	0.712683	97.3390	7	0.0599
	19	0.22001	170.802	13	1.576	0.712993	98.1818	5	0.0407
	29	0.21896	175.211	14	1.497	0.713302	99.0234	− 2	0.0215
Sept.	8	0.21766	179.643	−15	+1.408	0.713612	99.8638	0	−0.0023
	18	0.21610	184.104	15	1.311	0.713922	100.7030	+ 2	+0.0169
	28	0.21431	188.600	15	1.204	0.714233	101.5410	4	0.0360
Okt.	8	0.21228	193.134	14	1.089	0.714543	102.3778	6	0.0550
	18	0.21002	197.714	13	0.967	0.714853	103.2134	8	0.0741
	28	0.20754	202.343	−12	+0.836	0.715162	104.0478	+11	+0.0931
Nov.	7	0.20485	207.028	10	0.698	0.715472	104.8810	13	0.1120
	17	0.20196	211.773	9	0.554	0.715781	105.7130	15	0.1309
	27	0.19889	216.583	6	0.404	0.716090	106.5438	17	0.1498
Dez.	7	0.19565	221.463	4	0.249	0.716399	107.3735	19	0.1686
	17	0.19226	226.419	− 1	+0.090	0.716708	108.2020	+21	+0.1873
	27	0.18875	231.454	+ 1	−0.073	0.717015	109.0293	23	0.2059
	37	0.18512	236.572	+ 4	−0.238	0.717322	109.8554	+25	+0.2245

Mars: $\Omega = 49^\circ\!.172 \quad i = 1^\circ\!.850 \quad m = \frac{1}{3\,093\,500}$

Jupiter: $\Omega = 99^\circ\!.9528 \quad i = 1^\circ\!.3059 \quad m = \frac{1}{1\,047.35}$

Mittleres Äquinoktium 1950.0

0^h Welt-Zeit			Julian. Zeit	log r	Heliozentrische Länge	Red. auf die Bahn	Heliozentrische Breite
			SATURN 1942				
			d		°	in 0.0001	°
1942	Jan.	1	2430 360.5	0.960038	56.7920	−249	−2.0731
	Febr.	10	400.5	0.959702	58.2588	254	2.0372
	März	22	440.5	0.959378	59.7277	259	2.0000
	Mai	1	480.5	0.959065	61.1986	−263	−1.9614
	Juni	10	520.5	0.958765	62.6716	266	1.9214
	Juli	20	560.5	0.958477	64.1465	268	1.8802
	Aug.	29	600.5	0.958201	65.6233	−270	−1.8376
	Okt.	8	640.5	0.957938	67.1018	270	1.7937
	Nov.	17	680.5	0.957689	68.5819	271	1.7486
	Dez.	27	720.5	0.957452	70.0637	270	1.7023
1943	Febr.	5	2430 760.5	0.957229	71.5469	−269	−1.6548
			$\Omega = 113^\circ.2251$	$i = 2^\circ.4903$	$m = \frac{1}{3\,501.6}$		
			URANUS 1942				
			d		°	in 0.001	°
1942	Jan.	1	2430 360.5	1.28980	58.912	− 1	−0.199
	Febr.	10	400.5	1.28965	59.368	1	0.193
	März	22	440.5	1.28949	59.824	1	0.187
	Mai	1	480.5	1.28933	60.280	− 1	−0.181
	Juni	10	520.5	1.28917	60.737	1	0.175
	Juli	20	560.5	1.28901	61.194	1	0.169
	Aug.	29	600.5	1.28885	61.651	− 1	−0.163
	Okt.	8	640.5	1.28869	62.109	1	0.157
	Nov.	17	680.5	1.28853	62.567	1	0.151
	Dez.	27	720.5	1.28837	63.025	1	0.145
1943	Febr.	5	2430 760.5	1.28820	63.484	− 1	−0.139
			$\Omega = 73^\circ.745$	$i = 0^\circ.773$	$m = \frac{1}{22\,869}$		
			NEPTUN 1942				
			d		°	in 0.001	°
1942	Jan.	1	2430 360.5	1.48064	178.158	+ 14	+1.297
	Febr.	10	400.5	1.48066	178.395	14	1.302
	März	22	440.5	1.48067	178.631	14	1.307
	Mai	1	480.5	1.48069	178.867	+ 14	+1.312
	Juni	10	520.5	1.48071	179.104	14	1.316
	Juli	20	560.5	1.48072	179.340	14	1.321
	Aug.	29	600.5	1.48074	179.577	+ 14	+1.326
	Okt.	8	640.5	1.48075	179.813	14	1.331
	Nov.	17	680.5	1.48077	180.050	14	1.336
	Dez.	27	720.5	1.48078	180.286	14	1.341
1943	Febr.	5	2430 760.5	1.48080	180.522	+ 14	+1.346
			$\Omega = 131^\circ.230$	$i = 1^\circ.775$	$m = \frac{1}{19\,314}$		
			PLUTO 1942				
			d		°	in 0.001	°
1942	Jan.	1	2430 360.5	1.58412	124.652	+665	+4.572
	März	22	440.5	1.58350	124.966	678	4.665
	Juni	10	520.5	1.58287	125.282	690	4.758
	Aug.	29	600.5	1.58224	125.599	702	4.851
	Nov.	17	680.5	1.58161	125.917	715	4.944
1943	Febr.	5	2430 760.5	1.58097	126.236	+727	+5.037
			$\Omega = 109^\circ.633$	$i = 17^\circ.144$	$m \approx \frac{1}{3\,300\,000}$		

Mittlere und Scheinbare Sternörter 1942

Reduktionsgrößen

Mittlere Sternörter 1942.0

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		m		h m s	s		° ′ ″	″	
905	[2 Ceti]	4.62	A 0	0 0 46.167	+3.0733	+ 16	−17 39 31.62	+20.041	− 2
1	α Androm.	2.15	A 0 p	0 5 23.034	+3.1008	+ 103	+28 46 13.09	+19.879	− 159
2	β Cassiopeiae	2.42	F 5	0 6 4.113	+3.1993	+ 674	+58 49 47.87	+19.858	− 178
3	ε Phoenicis	3.94	K 0	0 6 28.419	+3.0465	+ 126	−46 4 2.21	+19.865	− 170
4	[22 Androm.]	5.08	F 0	0 7 17.788	+3.1173	+ 3	+45 44 58.57	+20.036	+ 3
5	[$\varkappa^2$ Sculptoris]	5.56	K 0	0 8 37.855	+3.0470	+ 8	−28 7 21.56	+20.054	+ 25
6	[ϑ Sculptoris]	5.19	F 5	0 8 47.256	+3.0494	+ 129	−35 27 27.18	+20.164	+ 136
7	γ Pegasi	2.87	B 2	0 10 14.732	+3.0891	+ 1	+14 51 40.44	+20.017	− 6
8	†[Br 6 Ceph *m*]	6.23	B 9	0 12 54.334	+3.3947	+ 42	+76 37 43.27	+20.016	+ 5
9	ι Ceti	3.75	K 0	0 16 28.332	+3.0564	− 12	− 9 8 42.92	+19.964	− 27
10	ζ Tucanae	4.34	F 8	0 17 3.745	+3.1290	+2714	−65 12 55.66	+21.160	+1173
11	β Hydri	2.90	G 0	0 22 44.167	+3.1632	+6915	−77 34 50.60	+20.273	+ 329
12	α Phoenicis	2.44	K 0	0 23 25.310	+2.9666	+ 190	−42 37 14.55	+19.555	− 384
13	12 Ceti	6.04	K 5	0 27 4.669	+3.0620	+ 6	− 4 16 39.06	+19.900	− 3
14	[49 G. Ceti]	5.23	A 3	0 27 28.747	+2.9997	− 19	−24 6 29.79	+19.921	+ 22
15	[λ^1 Phoenicis]	4.88	A 2	0 28 37.428	+2.8952	+ 145	−49 7 26.37	+19.917	+ 30
16	[ϰ Cassiopeiae]	4.24	B 0	0 29 41.041	+3.4062	− 5	+62 36 43.23	+19.878	+ 3
17	ζ Cassiopeiae	3.72	B 3	0 33 43.576	+3.3406	+ 17	+53 34 40.86	+19.820	− 6
18	π Androm.	4.44	B 3	0 33 46.551	+3.2038	+ 12	+33 24 1.20	+19.826	0
19	[ε Androm.]	4.52	G 5	0 35 29.050	+3.1698	− 176	+28 59 49.84	+19.556	− 247
20	δ Androm.	3.49	K 2	0 36 13.183	+3.2077	+ 104	+30 32 37.92	+19.705	− 88
21	α Cassiopeiae	2.47	K 0	0 37 12.062	+3.4022	+ 60	+56 13 10.65	+19.752	− 28
22	β Ceti	2.24	K 0	0 40 40.726	+3.0116	+ 165	−18 18 16.71	+19.767	+ 40
23	[η Phoenicis]	4.53	A 0	0 40 45.267	+2.6983	+ 4	−57 46 50.88	+19.748	+ 21
26	[λ^2 Sculptoris]	5.97	K 0	0 41 23.999	+2.9006	+ 201	−38 44 27.10	+19.843	+ 127
25	ο Cassiopeiae	4.70	B 2	0 41 28.903	+3.3419	+ 17	+47 58 2.33	+19.712	− 3
24	21 Cassiopeiae	5.59	A 2	0 41 46.726	+3.9527	− 52	+74 40 17.21	+19.691	− 20
27	ζ Androm.	4.30	K 0	0 44 15.521	+3.1797	− 75	+23 57 7.28	+19.594	− 76
28	[δ Piscium]	4.55	K 5	0 45 40.208	+3.1125	+ 55	+ 7 16 11.17	+19.601	− 45
31	[λ Hydri]	4.96	K 5	0 46 35.088	+2.0848	+ 355	−75 14 20.15	+19.606	− 24
29	[Br 82 Cass]	5.45	F 2 + A 2	0 47 11.156	+3.6359	+ 39	+63 55 56.02	+19.613	− 6
30	[φ^2 Ceti]	5.24	F 5	0 47 13.245	+3.0045	− 157	−10 57 22.63	+19.399	− 220
34	[λ^2 Tucanae]	5.34	K 0	0 52 50.711	+2.2432	+ 20	−69 50 25.57	+19.476	− 36
32	γ Cassiopeiae	2.25	B 0 p	0 53 11.339	+3.6174	+ 28	+60 24 11.36	+19.503	− 2
33	μ Androm.	3.94	A 2	0 53 31.515	+3.3292	+ 127	+38 11 6.76	+19.536	+ 37
35	α Sculptoris	4.39	B 5	0 55 48.745	+2.8907	+ 12	−29 40 13.88	+19.459	+ 7
36	ε Piscium	4.45	K 0	0 59 55.787	+3.1137	− 54	+ 7 34 41.99	+19.391	+ 30
37	[26 Ceti]	6.07	F 0	1 0 49.761	+3.0875	+ 78	+ 1 3 23.02	+19.305	− 36
38	†β Phoenicis *m*	3.35	K 0	1 3 29.927	+2.6778	− 29	−47 1 43.79	+19.287	+ 9
39	[ι Tucanae]	5.32	K 0	1 5 1.103	+2.3779	+ 108	−62 5 4.75	+19.243	+ 2

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.001
		m		h m s	s		° ′ ″	″	
40	[η Ceti]	3.60	K o	1 5 40.281	+3.0179	+ 147	−10 29 21.07	+19.097	−128
42	β Androm.	2.37	M o	1 6 28.587	+3.3586	+ 146	+35 18 48.91	+19.093	−112
41	[44 H. Cephei]	5.68	A o	1 7 10.871	+5.1644	+ 325	+79 21 57.71	+19.189	+ 2
43	[τ Piscium]	4.70	K o	1 8 27.529	+3.3036	+ 53	+29 46 56.13	+19.123	− 32
44	[102 G. Sculpt.]	5.91	A 5	1 10 5.194	+2.7638	+ 68	−38 9 48.15	+19.088	− 24
45	υ Piscium	4.67	A 2	1 16 16.312	+3.2969	+ 16	+26 57 35.21	+18.934	− 9
47	ϑ Ceti	3.83	K o	1 21 7.377	+2.9987	− 54	− 8 28 55.68	+18.584	−216
46	[ψ Cassiopeiae]	4.96	K o	1 21 48.311	+4.2321	+ 126	+67 49 41.17	+18.809	+ 30
48	δ Cassiopeiae	2.80	A 5	1 22 0.090	+3.9215	+ 396	+59 56 4.55	+18.727	− 46
49	[γ Phoenicis]	3.40	K 5	1 25 50.914	+2.6056	− 16	−43 36 53.18	+18.455	−198
50	η Piscium	3.72	G 5	1 28 22.508	+3.2101	+ 18	+15 2 50.76	+18.567	− 3
53	[14 G. Hydri]	6.06	G 5	1 33 14.751	+0.3958	− 74	−78 47 56.30	+18.289	−118
51	40 Cassiopeiae	5.50	K o	1 33 50.095	+4.7832	− 36	+72 44 43.51	+18.375	− 10
52	51 Androm.	3.77	K o	1 34 25.170	+3.6813	+ 66	+48 20 6.68	+18.256	−109
54	α Eridani	0.60	B 5	1 35 33.409	+2.2353	+ 127	−57 31 51.01	+18.302	− 23
55	43 Cassiopeiae	5.54	A o p	1 38 0.830	+4.4372	+ 86	+67 45 2.51	+18.233	− 3
56	[ν Piscium]	4.68	K o	1 38 24.574	+3.1221	− 17	+ 5 11 41.33	+18.229	+ 7
58	[129 G. Sculpt.]	5.64	A o	1 39 29.576	+2.6438	− 39	−37 7 27.61	+18.164	− 19
57	φ Persei	4.19	B o p	1 40 0.662	+3.7586	+ 26	+50 23 50.75	+18.152	− 11
59	τ Ceti	3.65	K o	1 41 22.364	+2.7873	−1192	−16 14 32.20	+18.972	+859
60	o Piscium	4.50	K o	1 42 19.624	+3.1680	+ 48	+ 8 51 59.73	+18.131	+ 54
61	ε Sculptoris	5.39	F o	1 42 55.771	+2.8101	+ 117	−25 20 30.40	+18.003	− 52
62	ζ Ceti	3.92	K o	1 48 35.755	+2.9613	+ 25	−10 37 15.06	+17.801	− 33
64	α Trianguli	3.58	F 5	1 49 46.076	+3.4196	+ 8	+29 17 49.70	+17.556	−231
63	ε Cassiopeiae	3.44	B 3	1 50 11.818	+4.3110	+ 40	+63 23 7.91	+17.752	− 17
65	ξ Piscium	4.84	K o	1 50 32.987	+3.1060	+ 14	+ 2 54 7.23	+17.783	+ 28
67	ψ Phoenicis	4.41	M 3	1 51 19.335	+2.4055	− 82	−46 35 9.90	+17.645	− 79
66	β Arietis	2.72	A 5	1 51 25.823	+3.3138	+ 68	+20 31 31.20	+17.612	−108
69	[η² Hydri]	4.72	K o	1 53 27.750	+1.5200	+ 128	−67 55 55.64	+17.723	+ 87
68	χ Eridani	3.73	G 5	1 53 42.141	+2.3354	+ 734	−51 53 49.01	+17.927	+301
72	α Hydri	3.02	F o	1 56 56.559	+1.8909	+ 375	−61 51 5.26	+17.529	+ 40
71	υ Ceti	4.18	M o	1 57 16.289	+2.8266	+ 93	−21 21 29.12	+17.459	− 16
70	50 Cassiopeiae	4.06	A 2	1 58 26.135	+5.1130	− 104	+72 8 31.31	+17.452	+ 28
73	γ Androm. *pr*	2.28 5.08	K o A o	2 0 19.723	+3.6819	+ 44	+42 3 8.77	+17.295	− 47
74	α Arietis	2.23	K 2	2 3 53.859	+3.3816	+ 138	+23 11 20.79	+17.040	−144
75	β Trianguli	3.08	A 5	2 6 5.015	+3.5692	+ 119	+34 42 50.20	+17.046	− 38
77	[Br 299 Andr]	5.40	K o	2 9 43.994	+3.9886	+ 366	+50 47 51.20	+16.750	−165
76	55 Cassiopeiae	6.15	F 5 + A 2	2 9 54.039	+4.7024	− 23	+66 15 14.18	+16.907	0
78	μ Fornacis	5.24	A o	2 10 21.230	+2.6422	+ 14	−30 59 42.36	+16.899	+ 12
79	[γ Trianguli]	4.07	A o	2 13 51.466	+3.5659	+ 35	+33 34 48.24	+16.675	− 44

Mittlere Sternörter 1942.0

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.s0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ′ ″	″	
80	67 Ceti	5.70	G 5	2 14 5.308	+2.9926	+ 60	− 6 41 18.79	+16.603	−105
82	[φ Eridani]	3.78	B 8	2 14 26.242	+2.1437	+ 98	−51 46 47.86	+16.676	− 16
81	[ϑ Arietis]	5.69	A 0	2 14 53.624	+3.3370	− 9	+19 38 1.86	+16.671	+ 3
83	[ϰ Fornacis]	5.37	F 5	2 19 53.287	+2.7455	+ 147	−24 4 44.56	+16.368	− 55
84	[λ Horologii]	5.47	F 2	2 23 16.501	+1.6775	− 95	−60 34 15.71	+16.127	−125
86	[ϰ Eridani]	4.44	B 5	2 24 51.555	+2.1995	+ 21	−47 57 48.38	+16.169	− 1
85	ξ² Ceti	4.34	A 0	2 25 4.269	+3.1896	+ 25	+ 8 12 4.03	+16.156	− 2
88	[λ¹ Fornacis]	5.88	K 0	2 30 41.873	+2.5014	− 19	−34 54 15.45	+15.846	− 17
87	36 H. Cassiop.	5.34	K 0	2 32 28.108	+5.6928	− 80	+72 33 59.38	+15.789	+ 23
90	μ Hydri	5.29	K 0	2 32 51.077	−1.2809	+ 460	−79 21 45.62	+15.713	− 36
89	ν Arietis	5.36	A 2	2 35 31.003	+3.4063	− 9	+21 42 42.31	+15.588	− 13
91	δ Ceti	4.04	B 2	2 36 30.383	+3.0750	+ 7	+ 0 4 45.80	+15.550	+ 3
95	[ε Hydri]	4.26	B 9	2 38 41.414	+0.9231	+ 171	−68 30 54.08	+15.443	+ 16
92	[Br 366 Cass]	5.84	A 2	2 39 48.219	+5.1558	+ 23	+67 34 47.81	+15.333	− 29
94	[35 Arietis]	4.58	B 3	2 40 2.482	+3.5203	+ 5	+27 27 41.72	+15.345	− 5
93	ϑ Persei	4.22	F 8	2 40 13.496	+4.0965	+ 344	+48 59 4.48	+15.256	− 83
96	†[γ Ceti]	3.58	A 2	2 40 17.529	+3.1086	− 95	+ 2 59 32.69	+15.189	−147
97	π Ceti	4.39	B 5	2 41 21.630	+2.8552	− 6	−14 6 12.12	+15.265	− 11
98	μ Ceti	4.36	F 0	2 41 48.152	+3.2430	+ 190	+ 9 52 13.30	+15.221	− 30
99	[η Persei]	3.93	K 0	2 46 26.912	+4.3744	+ 22	+55 39 22.85	+14.973	− 10
100	41 Arietis	3.68	B 8	2 46 33.780	+3.5310	+ 49	+27 1 21.66	+14.864	−113
101	β Fornacis	4.50	K 0	2 46 39.755	+2.5112	+ 72	−32 38 54.82	+15.135	+163
102	τ² Eridani	4.81	K 0	2 48 24.383	+2.7213	− 36	−21 14 31.75	+14.851	− 18
103	τ Persei	4.06	G 0 + A 5	2 50 7.832	+4.2520	+ 3	+52 31 35.84	+14.765	− 2
104	η Eridani	4.05	K 0	2 53 35.511	+2.9310	+ 53	− 9 7 40.44	+14.348	−214
106	ϑ Eridani *pr*	3.42 4.42	A 2	2 56 3.673	+2.2745	− 46	−40 32 10.33	+14.439	+ 26
105	47 H. Cephei	5.66	M 0	2 58 17.249	+7.9744	− 138	+79 11 32.29	+14.284	+ 11
107	α Ceti	2.82	M 0	2 59 14.659	+3.1361	− 6	+ 3 51 48.12	+14.144	− 73
108	γ Persei	3.08	F 5 + A 3	3 0 34.829	+4.3435	+ 1	+53 16 51.34	+14.132	− 2
109	*ρ Persei	var.	M 3	3 1 27.036	+3.8439	+ 111	+38 37 1.07	+13.977	−104
113	[ϑ Hydri]	5.52	B 8	3 2 7.301	+0.1225	+ 65	−72 7 43.98	+14.064	+ 23
110	μ Horologii	5.16	F 0	3 2 14.603	+1.4131	− 101	−59 57 43.44	+13.980	− 52
111	*β Persei	var.	B 8	3 4 23.135	+3.9030	+ 6	+40 44 1.40	+13.899	+ 3
112	[ι Persei]	4.17	G 0	3 4 52.070	+4.3283	+1296	+49 23 36.53	+13.790	− 76
114	δ Arietis	4.53	K 0	3 8 18.434	+3.4306	+ 107	+19 30 31.27	+13.643	− 4
117	†α Fornacis	3.95	F 8	3 9 36.359	+2.5484	+ 253	−29 12 52.92	+14.211	+646
116	[94 Ceti]	5.14	F 8	3 9 48.662	+3.0620	+ 131	− 1 24 42.51	+13.493	− 59
118	[38 G. Horol.]	5.72	N 0	3 11 4.776	+1.5189	+ 11	−57 32 17.05	+13.488	+ 17
115	48 H. Cephei	5.50	F 0	3 12 53.044	+7.5985	+ 196	+77 31 28.55	+13.294	− 55
119	[82 G. Erid]	4.30	G 5	3 17 36.675	+2.3959	+2786	−43 17 25.77	+13.795	+754

Nr. 109. Größe: Max. 3.3, Min. 4.1. Nr. 111. Größe: Max. 2.3, Min. 3.5.

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
120	α Persei	1.90	F 5	3 20 10.182	+4.2822	+ 30	+49 39 23.37	+12.848	− 22
121	o Tauri	3.80	G 5	3 21 41.293	+3.2286	− 45	+ 8 49 33.96	+12.697	− 71
123	[ξ Tauri]	3.75	B 8	3 24 1.313	+3.2515	+ 39	+ 9 31 54.78	+12.579	− 32
122	2 H. Camelop.	4.42	B 9 p	3 24 21.182	+4.8555	− 2	+59 44 24.55	+12.586	0
124	[σ Persei]	4.55	K o	3 26 28.441	+4.2291	+ 8	+47 47 48.32	+12.466	+ 24
125	5 Tauri	4.28	K o	3 27 40.009	+3.3125	+ 15	+12 44 21.50	+12.364	+ 3
126	[ϰ Reticuli]	4.80	F 5	3 28 21.526	+1.0464	+549	−63 8 29.24	+12.696	+381
127	ε Eridani	3.81	K o	3 30 11.743	+2.8267	−660	− 9 39 12.31	+12.206	+ 20
128	[45 G. Horol.]	5.60	K o	3 30 50.792	+1.7876	+ 75	−50 34 28.86	+12.229	+ 87
130	[110 G. Erid]	4.58	K o	3 35 0.685	+2.1526	− 13	−40 27 50.18	+11.827	− 23
129	[Grb 716 Caml]	5.32	M o	3 37 6.022	+5.2026	− 27	+63 1 51.17	+11.717	+ 17
131	δ Persei	3.10	B 5	3 38 47.072	+4.2708	+ 31	+47 36 14.09	+11.548	− 32
133	[δ Fornacis]	4.93	B 5	3 39 56.390	+2.3861	0	−32 7 21.30	+11.518	+ 19
135	[δ Eridani]	3.72	K o	3 40 28.053	+2.8744	− 63	− 9 57 30.66	+12.207	+746
132	†[o Persei]	3.94	B 1	3 40 40.498	+3.7621	+ 7	+32 6 22.07	+11.436	− 9
134	ν Persei	3.93	F 5	3 41 14.682	+4.0756	− 8	+42 23 49.51	+11.404	0
136	[17 Tauri]	3.81	B 5 p	3 41 25.555	+3.5626	+ 15	+23 55 57.14	+11.350	− 41
137	[24 Eridani]	5.09	B 8	3 41 33.567	+3.0474	0	− 1 20 41.06	+11.379	− 3
141	β Reticuli	3.80	K o	3 43 27.898	+0.7507	+481	−64 59 20.54	+11.329	+ 83
139	η Tauri	2.96	B 5 p	3 44 1.891	+3.5663	+ 15	+23 55 38.36	+11.160	− 44
138	γ Camelop.	4.67	A o	3 44 11.936	+6.3255	+ 38	+71 9 22.59	+11.151	− 38
140	τ^6 Eridani	4.33	F 8	3 44 21.069	+2.5812	−116	−23 25 11.64	+10.657	−524
142	[27 Tauri]	3.80	B 8	3 45 42.489	+3.5674	+ 13	+23 52 39.44	+11.039	− 43
143	138 G. Eridani	4.24	K o	3 47 16.927	+2.2450	− 43	−36 22 29.33	+10.924	− 44
146	γ Hydri	3.17	M o	3 48 6.922	−0.9331	+129	−74 25 1.64	+11.028	+120
144	ζ Persei	2.91	B 1	3 50 28.794	+3.7712	+ 7	+31 42 46.87	+10.722	− 10
145	†*9 H. Camel.	5.22	K o + A o	3 52 10.429	+5.1132	− 5	+60 56 28.41	+10.593	− 12
147	ε Persei	2.96	B 1	3 53 57.231	+4.0257	+ 18	+39 50 39.01	+10.447	− 26
148	ξ Persei	4.05	O e 5	3 55 11.686	+3.8927	+ 4	+35 37 33.50	+10.380	− 1
149	γ Eridani	3.19	K 5	3 55 19.289	+2.7994	+ 44	−13 40 20.13	+10.264	−108
150	*λ Tauri	var.	B 3	3 57 27.789	+3.3240	− 4	+12 19 40.49	+10.200	− 11
151	ν Tauri	3.94	A o	4 0 4.050	+3.1914	+ 1	+ 5 49 47.49	+10.015	+ 1
153	[174 G. Erid]	5.57	A 5	4 3 13.915	+2.4732	+153	−27 48 33.60	+ 9.879	+105
152	48 Persei	4.03	B 3 p	4 4 26.467	+4.3551	+ 24	+47 33 34.73	+ 9.653	− 27
154	o^1 Eridani	4.14	F 2	4 9 1.915	+2.9288	+ 6	− 6 59 14.82	+ 9.414	+ 86
155	α Horologii	3.83	K o	4 12 4.663	+1.9877	+ 32	−42 26 11.09	+ 8.888	−204
156	α Reticuli	3.36	G 5	4 13 40.342	+0.7721	+ 61	−62 37 7.01	+ 9.021	+ 53
157	[γ Doradus]	4.36	F 5	4 14 30.262	+1.5717	+107	−51 37 55.52	+ 9.095	+192
160	†υ^4 Eridani *m*	3.59	B 9	4 15 41.869	+2.2703	+ 48	−33 56 19.81	+ 8.806	− 3
159	[γ Tauri]	3.86	K o	4 16 29.338	+3.4145	+ 81	+15 29 20.95	+ 8.723	− 23

Nr. 145. Doppelstern, Größe der Komponenten: 5.0 und 8.2. Nr. 150. Größe: Max. 3.3, Min. 4.2.

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Verände-rung	Jährl. Eigen-bew. in 0.s0001	Dekl. 1942.0	Jährl. Verände-rung	Jährl. Eigen-bew. in 0."001
		m		h m s	s		° ′ ″	″	
158	[54 Persei]	5.10	G 5	4 16 38.300	+3.8955	− 20	+34 25 42.49	+8.727	− 6
161	[212 G. Erid]	5.31	A 0	4 18 7.112	+2.6174	+ 19	−20 46 36.36	+8.609	− 8
162	δ Tauri	3.93	K 0	4 19 35.168	+3.4602	+ 76	+17 24 29.14	+8.474	− 27
163	[η Reticuli]	5.18	K 0	4 21 15.367	+0.6484	+128	−63 31 25.38	+8.545	+175
166	[δ Mensae]	5.62	K 0 p	4 21 50.830	−4.0627	+128	−80 21 5.77	+8.395	+ 69
164	ε Tauri	3.63	K 0	4 25 13.558	+3.5034	+ 77	+19 3 12.41	+8.018	− 34
165	*[1 Camel. sq]	5.42	B 1	4 27 25.538	+4.7512	0	+53 47 13.17	+7.874	− 1
167	[δ Caeli]	5.16	B 3	4 29 3.405	+1.8376	+ 1	−45 4 38.33	+7.747	+ 2
168	α Tauri	1.06	K 5	4 32 35.360	+3.4427	+ 47	+16 23 39.47	+7.270	−188
171	α Doradus	3.47	A 0 p	4 32 44.411	+1.2964	+ 57	−55 9 51.09	+7.452	+ 5
170	[υ² Eridani]	3.88	K 0	4 33 17.641	+2.3326	− 39	−30 40 47.92	+7.392	− 10
169	ν Eridani	4.12	B 2	4 33 25.120	+2.9980	+ 2	− 3 28 10.59	+7.389	− 2
172	53 Eridani	3.98	K 0	4 35 31.355	+2.7480	− 48	−14 24 58.00	+7.059	−161
174	τ Tauri	4.33	B 5	4 38 45.594	+3.6011	− 1	+22 50 50.63	+6.940	− 15
173	Grb 848 Caml	6.04	F 0	4 40 59.472	+8.0685	+104	+75 50 22.02	+6.633	−134
176	[μ Eridani]	4.18	B 5	4 42 35.996	+3.0000	+ 9	− 3 21 34.19	+6.629	− 10
175	4 Camelop.	5.35	A 2	4 43 9.740	+4.9976	+ 65	+56 39 23.75	+6.446	−145
177	[μ Mensae]	5.69	B 9	4 43 38.051	−0.5997	+ 20	−71 2 15.57	+6.590	+ 34
179	[π⁴ Orionis]	3.78	B 3	4 48 6.859	+3.1955	− 2	+ 5 30 27.02	+6.184	+ 3
178	α Camelop.	4.38	B 0	4 48 16.086	+5.9625	+ 3	+66 14 49.57	+6.176	+ 9
180	π⁵ Orionis	3.87	B 3	4 51 13.656	+3.1252	− 3	+ 2 20 50.08	+5.925	+ 3
181	ι Aurigae	2.90	K 2	4 53 12.726	+3.9071	+ 3	+33 4 34.19	+5.738	− 18
183	*ε Aurigae	var.	F 5 p	4 57 48.093	+4.3055	+ 4	+43 44 22.54	+5.364	− 6
182	β Camelop.	4.22	G 0 p	4 58 14.905	+5.3363	− 6	+60 21 36.31	+5.317	− 14
184	ι Tauri	4.70	A 5	4 59 37.530	+3.5863	+ 47	+21 30 32.02	+5.177	− 40
185	η Aurigae	3.28	B 3	5 2 26.549	+4.2073	+ 27	+41 9 29.32	+4.912	− 66
186	ε Leporis	3.29	K 5	5 3 0.259	+2.5399	+ 18	−22 26 51.55	+4.863	− 69
187	[η² Pictoris]	4.92	K 5	5 3 27.680	+1.5531	+ 55	−49 39 20.44	+4.893	0
189	[ζ Doradus]	4.76	F 8	5 4 30.774	+1.0277	− 52	−57 33 4.94	+4.923	+118
188	β Eridani	2.92	A 3	5 4 59.778	+2.9495	− 64	− 5 9 35.73	+4.685	− 77
190	[λ Eridani]	4.34	B 2	5 6 22.133	+2.8714	+ 1	− 8 49 37.31	+4.643	− 3
192	μ Aurigae	4.78	A 3	5 9 27.302	+4.1055	− 17	+38 25 3.92	+4.303	− 78
194	β Orionis	0.34	B 8 p	5 11 44.934	+2.8834	+ 2	− 8 16 1.98	+4.186	− 1
193	α Aurigae	0.21	G 0	5 12 24.012	+4.4325	+ 81	+45 56 28.61	+3.707	−422
191	19 H. Camelop.	5.16	F 8	5 12 57.482	+9.8819	−293	+79 10 9.81	+4.236	+159
196	ϑ Doradus	4.78	K 0	5 13 47.713	−0.0479	+ 10	−67 15 2.30	+4.049	+ 35
195	[τ Orionis]	3.68	B 5	5 14 47.300	+2.9133	− 11	− 6 54 20.29	+3.919	− 8
197	[o Columbae]	4.91	K 0	5 15 23.474	+2.1638	+ 69	−34 57 3.18	+3.537	−338
198	[12 G. Columb.]	5.75	A 0	5 17 4.916	+2.3924	+ 5	−27 25 38.01	+3.726	− 4
199	[ζ Pictoris]	5.52	F 8	5 17 56.584	+1.4708	+ 10	−50 40 3.10	+3.890	+234

Nr. 165. Doppelstern, Größe der Komponenten: 5.86 und 6.61.   Nr. 183. Größe: Max. 3.4, Min. 4.1.

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.s0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ′ ″	″	
200	†[η Orion. *m*]	3.44	B 1	5 21 33.544	+3.0168	0	− 2 26 56.17	+3.346	+ 2
201	γ Orionis	1.70	B 2	5 22 1.093	+3.2180	− 6	+ 6 17 55.40	+3.290	− 15
202	β Tauri	1.78	B 8	5 22 37.372	+3.7928	+ 20	+28 33 37.25	+3.076	−175
203	17 Camelop.	5.75	K 5	5 24 41.069	+5.6663	− 7	+63 1 17.86	+3.070	− 2
204	[β Leporis]	2.96	G 0	5 25 45.540	+2.5712	+ 1	−20 48 15.99	+2.890	− 91
206	δ Orionis	2.48 6.87	B 0	5 29 2.500	+3.0652	0	− 0 20 25.74	+2.698	+ 1
207	α Leporis	2.69	F 0	5 30 10.238	+2.6464	+ 2	−17 51 44.79	+2.603	+ 4
208	[φ¹ Orionis]	4.53	B 0	5 31 38.064	+3.2938	− 1	+ 9 27 7.05	+2.470	− 2
205	Grb 966 Caml	6.36	K 5	5 31 57.314	+8.0239	− 20	+75 0 34.15	+2.466	+ 26
209	ι Orionis	2.87	O e 5	5 32 35.657	+2.9350	+ 1	− 5 56 47.11	+2.393	+ 4
212	β Doradus	3.81	F 5 p	5 33 7.111	+0.5199	− 11	−62 31 38.92	+2.354	+ 9
210	ε Orionis	1.75	B 0	5 33 16.123	+3.0444	0	− 1 14 14.65	+2.331	+ 1
214	[γ Mensae]	5.06	K 0	5 34 10.207	−2.3772	+306	−76 23 0.34	+2.550	+294
211	ζ Tauri	3.00	B 3 p	5 34 10.576	+3.5858	+ 1	+21 6 32.23	+2.229	− 22
213	†[σ Orionis *m*]	3.78	B 0	5 35 49.957	+3.0120	− 1	− 2 37 55.19	+2.109	+ 2
215	α Columbae	2.75	B 5 p	5 37 32.829	+2.1729	+ 2	−34 6 13.99	+1.933	− 26
216	o Aurigae	5.52	A 0	5 41 24.244	+4.6483	− 10	+49 48 11.65	+1.618	− 3
217	[γ Leporis]	3.80	F 8	5 42 2.659	+2.5017	−205	−22 27 57.69	+1.196	−371
218	[130 Tauri]	5.51	F 0	5 44 3.166	+3.4983	− 4	+17 42 32.74	+1.383	− 8
219	ζ Leporis	3.67	A 2	5 44 19.557	+2.7187	− 12	−14 50 32.13	+1.363	− 5
220	ϰ Orionis	2.20	B 0	5 45 0.262	+2.8457	+ 2	− 9 41 19.76	+1.304	− 4
221	[ν Aurigae]	4.18	K 0	5 47 28.071	+4.1582	− 5	+39 8 0.87	+1.099	+ 7
222	[δ Leporis]	3.90	K 0	5 48 49.568	+2.5806	+167	−20 52 57.71	+0.326	−649
223	[β Columbae]	3.22	K 0	5 48 54.800	+2.1149	+ 39	−35 47 20.44	+1.372	+404
224	α Orionis	0.92	M 0	5 52 1.834	+3.2484	+ 19	+ 7 23 52.49	+0.706	+ 11
226	[η Leporis]	3.77	F 0	5 53 45.708	+2.7328	− 29	−14 10 36.97	+0.681	+138
225	δ Aurigae	3.88	K 0	5 54 44.997	+4.9406	+ 97	+54 16 57.71	+0.329	−127
227	β Aurigae	2.07	A 0 p	5 55 16.376	+4.4015	− 50	+44 56 37.53	+0.408	− 3
228	†ϑ Aurigae	2.71	A 0 p	5 55 45.891	+4.0916	+ 40	+37 12 37.89	+0.284	− 83
229	η Columbae	4.03	K 0	5 57 22.183	+1.8364	+ 13	−42 49 3.01	+0.211	− 17
230	[66 Orionis]	5.70	K 0	6 1 54.392	+3.1700	− 4	+ 4 9 48.66	−0.176	− 7
231	[1 G. Puppis]	6.22	F 8	6 2 48.158	+1.7266	− 88	−45 2 7.49	0.000	+247
232	ν Orionis	4.40	B 2	6 4 15.546	+3.4258	+ 3	+14 46 37.54	−0.398	− 23
233	[36 Camelop.]	5.39	K 0	6 7 0.993	+6.0367	+ 12	+65 43 58.87	−0.646	− 29
235	[δ Pictoris]	4.84	B 1	6 9 10.022	+1.1676	− 19	−54 57 17.89	−0.789	+ 13
236	†*η Gemin.	var.	M 0	6 11 22.534	+3.6218	− 48	+22 31 31.54	−1.010	− 13
239	[α Mensae]	5.14	K 0	6 11 58.257	−1.7855	+305	−74 44 2.64	−1.260	−215
234	22 H. Camelop.	4.73	A 0	6 12 27.469	+6.6129	+ 9	+69 20 37.06	−1.197	−103
238	[ϰ Columbae]	4.51	K 0	6 14 29.193	+2.1338	− 14	−35 7 12.41	−1.184	+ 84
237	[2 Lyncis]	4.42	A 0	6 14 30.371	+5.2943	− 12	+59 2 4.25	−1.251	+ 20

Nr. 236. Größe: Max. 3.3, Min. 4.2.

Mittlere Sternörter 1942.0

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Verände-rung	Jährl. Eigen-bew. in 0.s0001	Dekl. 1942.0	Jährl. Verände-rung	Jährl. Eigen-bew. in 0."001
		m		h m s	s		° ′ ″	″	
240	ζ Canis maj.	3.10	B 3	6 18 5.118	+ 2.3034	+ 5	−30 2 11.05	−1.577	+ 5
241	μ Geminor.	3.19	M o	6 19 27.062	+ 3.6299	+ 40	+22 32 42.59	−1.814	− 112
243	β Canis maj.	1.99	B 1	6 20 8.663	+ 2.6422	− 4	−17 55 33.06	−1.765	− 4
242	ψ¹ Aurigae	5.10	K 2	6 20 25.913	+ 4.6216	+ 1	+49 19 11.23	−1.792	− 4
244	8 ε Monocer.	4.48 6.54	A 5	6 20 41.623	+ 3.1795	− 12	+ 4 37 26.18	−1.799	+ 11
245	α Carinae	−0.86	F o	6 22 39.810	+ 1.3324	+ 24	−52 39 47.56	−1.955	+ 25
246	10 Monocer.	4.98	B 3	6 25 5.647	+ 2.9627	− 6	− 4 43 29.18	−2.188	+ 4
247	8 Lyncis	6.05	G o	6 32 23.609	+ 5.4841	−289	+61 32 5.41	−3.106	− 279
249	ξ² Canis maj.	4.54	A o	6 32 37.449	+ 2.5145	+ 6	−22 55 3.33	−2.831	+ 14
251	γ Geminor.	1.93	A o	6 34 21.672	+ 3.4663	+ 30	+16 27 1.77	−3.041	− 44
250	51 Aurigae	5.71	K o	6 34 38.426	+ 4.1576	− 22	+39 26 38.26	−3.136	− 115
252	ν Puppis	3.18	B 8	6 35 59.104	+ 1.8355	− 7	−43 8 38.63	−3.137	− 1
248	23 H. Camelop.	5.60	F 8	6 36 22.354	+10.2530	−304	+79 37 56.81	−3.783	− 608
253	†*S Monoc.	4.68	O e 5	6 37 46.994	+ 3.3043	− 1	+ 9 57 3.55	−3.299	− 7
254	ε Geminor.	3.18	G 5	6 40 21.829	+ 3.6914	− 5	+25 11 25.26	−3.530	− 15
256	ξ Geminor.	3.40	F 5	6 42 2.027	+ 3.3674	− 80	+12 57 35.18	−3.853	− 195
255	[ψ⁵ Aurigae]	5.34	G o	6 42 33.607	+ 4.3252	− 1	+43 38 14.22	−3.542	+ 162
257	*α Canis maj.	−1.58	A o	6 42 35.581	+ 2.6434	−373	−16 38 6.96	−4.916	−1211
258	18 Monocer.	4.70	K o	6 44 50.145	+ 3.1284	− 14	+ 2 28 37.84	−3.912	− 13
264	[ζ Mensae]	5.64	A 2	6 44 54.571	− 4.9816	− 24	−80 45 17.46	−3.840	+ 59
259	[43 Camelop.]	5.13	B 5	6 47 27.643	+ 6.4722	+ 2	+68 57 31.89	−4.121	+ 4
262	α Pictoris	3.30	A 5	6 47 35.776	+ 0.6157	−108	−61 52 43.20	−3.864	+ 269
263	[τ Puppis]	2.83	K o	6 48 29.735	+ 1.4884	+ 26	−50 32 41.03	−4.283	− 72
261	ϑ Geminor.	3.64	A 2	6 48 58.036	+ 3.9548	− 1	+34 1 59.14	−4.305	− 52
266	ϑ Canis maj.	4.25	K 2	6 51 29.656	+ 2.7876	− 95	−11 57 52.61	−4.482	− 14
260	[24 H. Camel.]	4.75	K 5	6 51 38.218	+ 8.7596	+210	+77 3 20.06	−4.495	− 12
267	[ι Volantis]	5.52	B 8	6 52 7.133	− 0.6856	− 10	−70 53 29.37	−4.499	+ 20
265	†15 Lyncis *m*	4.54	G o	6 52 15.558	+ 5.1964	− 7	+58 30 4.47	−4.671	− 137
268	ε Canis maj.	1.63	B 1	6 56 20.730	+ 2.3583	+ 4	−28 53 31.12	−4.878	+ 2
270	[o² Canis maj.]	3.12	B 5 p	7 0 36.105	+ 2.5056	− 1	−23 44 50.40	−5.239	+ 2
269	*ζ Geminor.	var.	G o p	7 0 40.158	+ 3.5586	− 7	+20 39 25.59	−5.249	− 3
271	γ Canis maj.	4.07	B 5	7 1 8.013	+ 2.7147	+ 1	−15 32 46.41	−5.294	− 9
272	[27 G. Carinae]	5.30	A o	7 3 13.409	+ 1.1176	− 12	−56 39 39.75	−5.458	+ 2
273	δ Canis maj.	1.98	F 8 p	7 6 1.924	+ 2.4396	− 3	−26 17 59.65	−5.692	+ 5
274	63 Aurigae	5.07	K 2	7 7 40.092	+ 4.1273	+ 36	+39 25 1.51	−5.837	− 2
275	[*J* Puppis]	4.47	F o	7 10 54.327	+ 1.7101	−142	−46 39 41.92	−6.006	+ 98
276	[64 Aurigae]	5.75	A 3	7 14 0.390	+ 4.1725	− 16	+40 59 18.13	−6.352	+ 11
277	λ Geminor.	3.65	A 2	7 14 45.612	+ 3.4480	− 35	+16 38 47.99	−6.464	− 39
278	π Puppis	2.74	K 5	7 15 5.604	+ 2.1192	− 8	−36 59 31.85	−6.443	+ 9
279	δ Geminor.	3.51	F o	7 16 39.602	+ 3.5835	− 19	+22 5 26.99	−6.596	− 14

Nr. 253. Doppelstern, Größe der Komponenten: 6.0 und 8.8.
Nr. 257. Ort des Schwerpunktes. Die Reduktion auf den Hauptstern ist nach den Elementen von Volet, Bull. Astr. II, Bd. 7, 1931

1942.0	$\Delta\alpha = +0.^s036$	$\Delta\delta = -0.''57$
1943.0	$= +0.049$	$= -0.15$

Nr. 269. Größe: Max. 3.7, Min. 4.3.

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		m		h m s	s		° ' "	"	
281	δ Volantis	4.02	F 5	7 16 51.889	−0.0280	− 12	−67 51 3.82	− 6.599	− 2
280	19 Lyncis *sq*	5.61	B 8	7 18 8.490	+4.8971	− 8	+55 23 34.68	− 6.740	− 35
283	[η Can. maj.]	2.43	B 5 p	7 21 47.987	+2.3732	− 5	−29 11 19.80	− 6.999	+ 6
282	ι Geminor.	3.89	K o	7 22 7.563	+3.7268	− 92	+27 54 54.30	− 7.121	− 89
285	β Canis min.	3.09	B 8	7 24 0.326	+3.2537	− 38	+ 8 24 27.85	− 7.225	− 40
284	Grb 1308 Caml	5.80	K o	7 24 51.719	+6.2468	− 22	+68 35 13.43	− 7.297	− 40
286	ρ Geminor.	4.18	F o	7 25 22.970	+3.8593	+116	+31 54 5.61	− 7.126	+ 172
287	*α Geminor.	2.85 1.99	A o	7 30 54.031	+3.8298	−138	+32 1 2.30	− 7.849	− 103
288	[108 G. Pupp.]	4.52	F 8	7 31 34.106	+2.5677	− 38	−22 10 11.00	− 7.764	+ 35
289	25 Monocer.	5.17	F 5	7 34 23.625	+2.9829	− 51	− 3 58 48.45	− 8.010	+ 16
290	[127 G. Puppis]	4.62	B 8	7 35 13.232	+2.2196	− 27	−34 50 12.90	− 8.073	+ 18
291	*α Canis min.	0.48	F 5	7 36 15.989	+3.1405	−474	+ 5 22 30.35	− 9.205	−1030
292	24 Lyncis	4.96	A 2	7 38 6.587	+5.0786	− 53	+58 50 54.17	− 8.378	− 54
293	[26 α Monocer.]	4.07	K o	7 38 28.535	+2.8666	− 51	− 9 24 52.44	− 8.376	− 24
294	κ Geminor.	3.68	G 5	7 40 56.882	+3.6226	− 23	+24 32 19.54	− 8.602	− 54
295	β Geminor.	1.21	K o	7 41 46.146	+3.6717	−475	+28 10 4.52	− 8.666	− 53
297	ζ Volantis	3.89	K o	7 42 32.846	−0.7345	+ 58	−72 28 1.39	− 8.654	+ 18
296	π Geminor.	5.29	K 2	7 43 46.181	+3.8692	− 9	+33 33 35.20	− 8.802	− 31
298	†[9 Pupp. *m*]	5.34	G o	7 49 5.102	+2.7782	− 45	−13 44 34.47	− 9.529	− 344
301	[213 G. Puppis]	3.76	G 5	7 50 13.292	+2.0619	− 21	−40 25 30.91	− 9.273	0
299	[26 Lyncis]	5.69	K o	7 50 29.684	+4.3698	− 50	+47 43 0.88	− 9.298	− 2
300	Grb 1374 Caml	5.56	K o	7 53 17.577	+7.1918	− 29	+74 4 33.81	− 9.548	− 35
303	χ Carinae	3.60	B 3	7 55 18.199	+1.5252	− 41	−52 49 33.34	− 9.636	+ 29
302	[53 Camelop.]	6.00	A 2 p	7 56 45.901	+5.1259	− 74	+60 29 6.78	− 9.800	− 22
304	[27 Monocer.]	5.06	K o	7 56 50.257	+2.9971	− 43	− 3 31 12.47	− 9.784	− 1
305	χ Geminor.	5.04	K o	7 59 57.515	+3.6852	− 21	+27 57 30.67	−10.067	− 46
306	ζ Puppis	2.27	O d	8 1 32.662	+2.1085	− 30	−39 50 19.52	−10.126	+ 13
307	27 Lyncis	4.87	A 2	8 4 6.177	+4.5148	− 67	+51 40 32.75	−10.343	− 9
308	ρ Puppis	2.88	F 5	8 5 4.382	+2.5553	− 60	−24 8 9.27	−10.354	+ 51
309	γ Velorum	2.22	O a p	8 7 44.659	+1.8492	− 8	−47 9 53.34	−10.598	+ 5
311	20 Puppis	5.05	G 5	8 10 39.956	+2.7576	− 12	−15 36 44.24	−10.826	− 6
310	Br 1147 Caml	5.73	G 5	8 12 18.512	+7.5481	+ 65	+75 56 13.68	−10.928	+ 15
312	β Cancri	3.76	K 2	8 13 22.243	+3.2538	− 34	+ 9 21 56.44	−11.069	− 51
313	[289 G. Puppis]	4.43	A 5	8 16 22.966	+2.2456	− 94	−36 28 43.01	−11.146	+ 91
314	31 Lyncis	4.43	K 5	8 18 52.290	+4.1091	− 16	+43 22 33.00	−11.522	− 104
315	ε Carinae	1.74	K o + B	8 21 19.506	+1.2318	− 37	−59 19 20.12	−11.573	+ 18
318	ϑ Chamael.	4.26	K o	8 22 25.225	−1.7864	−386	−77 17 52.92	−11.629	+ 38
316	Br 1197 Hydra	3.95	A o	8 22 45.736	+2.9980	− 46	− 3 42 57.55	−11.721	− 26
319	[β Volantis]	3.65	K o	8 25 6.755	+0.6557	− 44	−65 56 34.68	−12.020	− 160
317	o Ursae maj.	3.47	G o	8 25 27.720	+4.9885	−185	+60 54 50.68	−11.999	− 112

Nr. 287. Ort des Schwerpunktes. Die Reduktion auf den Ort des helleren Sterns beträgt nach den Elementen von Rabe, Astron. Nachr. Bd. 216, 1922:

1942.0 $\Delta\alpha = +0^s.020$ $\Delta\delta = +1''.03$
1943.0 $= +0.015$ $= +0.97$

Nr. 291. Ort des Schwerpunktes. Die Reduktion auf den Ort des hellen Sterns beträgt nach den Elementen von Jones, Monthly Notices Bd. 88, 1928:

1942.0 $\Delta\alpha = +0^s.021$ $\Delta\delta = -1''.17$
1943.0 $= +0.014$ $= -1.19$

Mittlere Sternörter 1942.0

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.s0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		m		h m s	s		° ′ ″	″	
320	Grb 1450 Lynx	6.05	K 0	8 29 9.084	+3.9014	− 86	+38 13 0.69	−12.317	−173
321	η Cancri	5.52	K 0	8 29 21.398	+3.4698	− 35	+20 38 22.40	−12.208	− 49
322	[Grb 1446 Caml]	6.29	K 0	8 33 18.361	+6.6833	− 50	+73 50 6.07	−12.537	−104
323	[Grb 1460 UMaj]	6.03	K 0	8 35 0.386	+4.4477	− 39	+52 54 59.47	−12.585	− 37
324	[48 G. Velorum]	4.13	A 5	8 35 36.165	+2.1090	− 17	−42 47 6.98	−12.581	+ 7
325	[6 Hydrae]	5.15	K 2	8 37 16.535	+2.8423	− 60	−12 16 9.33	−12.707	− 6
327	α Pyxidis	3.70	B 2	8 41 15.605	+2.4108	− 13	−32 58 34.76	−12.960	+ 9
326	δ Cancri	4.17	K 0	8 41 23.466	+3.4098	− 14	+18 22 7.60	−13.212	−233
330	†δ Velorum *m*	2.01	A 0	8 43 6.112	+1.6570	+ 22	−54 29 42.66	−13.167	− 76
328	ι Cancri	6.61 4.20	A 5 G 5	8 43 11.470	+3.6313	− 19	+28 58 24.48	−13.142	− 45
331	[η Chamael.]	5.62	B 9	8 43 20.882	−2.0201	− 78	−78 45 13.11	−13.085	+ 20
329	†[ε Hydrae *m*]	3.48	F 8	8 43 42.334	+3.1775	− 130	+ 6 37 58.00	−13.186	− 55
332	[γ Pyxidis]	4.19	K 2	8 48 4.137	+2.5464	− 101	−27 29 37.84	−13.336	+ 81
333	†[σ² Canc. *m*]	5.60	K 0	8 50 42.604	+3.6614	+ 28	+30 48 1.34	−13.613	− 24
334	ζ Hydrae	3.30	K 0	8 52 19.717	+3.1716	− 69	+ 6 10 2.76	−13.682	+ 10
336	108 G. Carinae	3.98	B 8	8 53 44.068	+1.3610	− 25	−60 25 20.81	−13.739	+ 41
335	ι Ursae maj.	3.12	A 5	8 55 14.756	+4.1097	− 443	+48 16 14.86	−14.118	−241
337	α Cancri	4.27	A 3	8 55 18.994	+3.2816	+ 22	+12 5 0.45	−13.915	− 34
339	Br 1268 Lynx	4.09	F 5	8 56 52.910	+3.8961	− 395	+42 0 49.58	−14.238	−258
338	[ρ Ursae maj.]	4.99	M 0	8 57 20.625	+5.4166	− 45	+67 51 27.29	−13.994	+ 16
341	ϰ Ursae maj.	3.68	A 0	8 59 40.479	+4.0980	− 35	+47 23 14.60	−14.213	− 58
340	[Grb 1501 UMaj]	5.68	A 2	8 59 46.146	+4.3981	− 14	+54 30 50.42	−14.162	− 1
343	α Volantis	4.18	A 5	9 1 32.212	+0.9498	+ 11	−66 9 51.09	−14.369	−101
342	[97 G. Velorum]	3.69	K 0	9 2 9.111	+2.0684	− 57	−46 51 57.77	−14.321	− 15
344	†σ² Ursae maj.	4.87	F 8	9 5 18.861	+5.2816	− 44	+67 22 18.40	−14.578	− 78
345	λ Velorum	2.22	K 5	9 5 51.628	+2.2065	− 25	−43 11 51.16	−14.516	+ 15
346	[36 Lyncis]	5.30	B 8	9 10 1.066	+3.9255	− 27	+43 27 29.48	−14.819	− 39
347	ϑ Hydrae	3.84	A 0	9 11 20.847	+3.1218	+ 86	+ 2 33 36.01	−15.172	−314
348	β Carinae	1.80	A 0	9 12 34.400	+0.6629	− 280	−69 28 40.92	−14.826	+103
349	†[38 Lyncis]	3.82	A 2	9 15 14.466	+3.7346	− 26	+37 2 57.29	−15.214	−130
351	[ι Carinae]	2.25	F 0	9 15 32.262	+1.6066	− 23	−59 1 52.82	−15.096	+ 5
350	*83 Cancri	6.60	F 5	9 15 44.767	+3.3488	− 87	+17 57 8.27	−15.249	−135
352	α Lyncis	3.30	K 5	9 17 31.626	+3.6559	− 181	+34 38 20.32	−15.203	+ 13
353	ϰ Velorum	2.63	B 3	9 20 18.969	+1.8581	− 12	−54 45 44.22	−15.363	+ 10
354	α Hydrae	2.16	K 2	9 24 44.209	+2.9484	− 10	− 8 24 22.74	−15.592	+ 27
356	[ε Antliae]	4.64	K 2	9 26 50.939	+2.4761	− 22	−35 41 48.95	−15.743	− 10
355	23 Ursae maj.	3.75	F 0	9 26 58.684	+4.7344	+ 155	+63 19 0.95	−15.716	+ 25
359	†ψ Velorum *m*	3.64	F 5	9 28 24.778	+2.3626	− 167	−40 12 43.09	−15.747	+ 71
358	ϑ Ursae maj.	3.26	F 8 p	9 28 59.374	+4.0147	−1031	+51 56 34.33	−16.392	−543
357	24 Ursae maj.	4.57	G 0	9 29 23.329	+5.3121	− 135	+70 5 12.92	−15.796	+ 75

Nr. 350. Größe aus Harvard 54 entnommen.

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″001
		m		h m s	s		° ′ ″	″	
361	[*N* Velorum]	3.04	K 5	9 29 27.481	+1.8231	− 42	−56 46 40.37	−15.871	+ 2
360	10 Leon. min.	4.62	G 5	9 30 40.562	+3.6764	+ 4	+36 39 22.07	−15.968	− 29
362	[*H* Carinae]	5.52	K 2	9 31 11.094	+0.4557	− 32	−72 49 24.74	−15.972	− 8
363	[Grb 1564 UMaj]	5.74	K 0	9 37 18.937	+5.1427	−141	+69 30 10.69	−16.358	− 74
364	[ϰ Hydrae]	4.96	B 3	9 37 31.465	+2.8762	− 20	−14 4 5.99	−16.318	− 24
365	[ο Leonis]	3.76	F 5 + A 3	9 38 3.390	+3.2023	− 98	+10 9 25.67	−16.361	− 39
366	ϑ Antliae	4.98	F 5 p	9 41 36.842	+2.6744	− 38	−27 30 11.45	−16.470	+ 30
367	ε Leonis	3.12	G 0 p	9 42 33.747	+3.4060	− 35	+24 2 32.11	−16.564	− 17
369	†υ Carinae	3.15 6.03	F 0	9 45 39.177	+1.5011	− 10	−64 48 8.54	−16.689	+ 9
368	υ Ursae maj.	3.89	F 0	9 46 52.942	+4.2696	−386	+59 18 45.74	−16.914	−157
370	6 Sextantis	6.00	A 2	9 48 18.634	+3.0232	+ 5	− 3 58 14.60	−16.858	− 33
371	[μ Leonis]	4.10	K 0	9 49 28.130	+3.4127	−162	+26 16 51.66	−16.941	− 60
373	[183 G. Hydrae]	5.16	M 0	9 52 7.974	+2.8301	− 31	−18 44 1.90	−17.052	− 47
372	Grb 1586 UMaj	5.96	K 0	9 53 14.552	+5.3724	−183	+73 9 23.94	−17.100	− 43
374	[19 Leon. min.]	5.19	F 5	9 54 8.358	+3.6757	−107	+41 19 57.93	−17.127	− 30
375	[φ Velorum]	3.70	B 5	9 54 49.378	+2.1059	− 16	−54 17 27.47	−17.117	+ 11
377	[η Antliae]	5.25	F 0	9 56 22.750	+2.5735	− 81	−35 36 45.74	−17.223	− 25
376	[12 Sextantis]	6.63	A 5	9 56 42.571	+3.1120	− 49	+ 3 39 46.11	−17.195	+ 18
378	π Leonis	4.89	M 0	9 57 8.968	+3.1707	− 23	+ 8 19 23.85	−17.260	− 27
379	η Leonis	3.58	A 0 p	10 4 10.357	+3.2711	− 4	+17 2 46.54	−17.544	− 6
380	α Leonis	1.34	B 8	10 5 17.093	+3.1954	−169	+12 15 5.21	−17.583	+ 3
381	λ Hydrae	3.83	K 0	10 7 45.554	+2.9250	−138	−12 4 0.15	−17.782	− 93
382	191 G. Velorum	4.09	A 2	10 12 17.836	+2.5179	−136	−41 50 2.36	−17.831	+ 40
385	[ω Carinae]	3.56	B 8	10 12 21.692	+1.4293	− 45	−69 44 58.37	−17.871	+ 2
384	ζ Leonis	3.65	F 0	10 13 28.054	+3.3372	+ 11	+23 42 25.42	−17.930	− 12
383	λ Ursae maj.	3.52	A 2	10 13 36.400	+3.6196	−152	+43 12 17.25	−17.968	− 45
386	μ Ursae maj.	3.21	K 5	10 18 52.871	+3.5755	− 75	+41 47 31.05	−18.096	+ 29
387	30 H. Urs. maj.	4.92	A 0	10 19 58.376	+4.3307	− 24	+65 51 38.07	−18.190	− 25
388	[25 Sextantis]	6.10	B 9	10 20 30.535	+3.0322	− 37	− 3 46 48.95	−18.185	0
391	*J* Carinae	4.08	F 5	10 23 15.002	+1.1934	− 29	−73 44 10.09	−18.310	− 26
389	μ Hydrae	4.06	K 5	10 23 17.003	+2.9017	− 89	−16 32 22.58	−18.369	− 84
392	α Antliae	4.42	K 5	10 24 29.682	+2.7454	− 57	−30 46 18.38	−18.314	+ 15
390	β Leon. min.	4.41	K 0	10 24 32.123	+3.4703	−102	+37 0 18.27	−18.439	−109
393	196 G. Carinae	4.08	F 0	10 25 44.687	+2.2014	− 20	−58 26 34.02	−18.377	− 5
394	36 Ursae maj.	4.84	F 5	10 26 55.704	+3.8418	−218	+56 16 43.36	−18.449	− 35
396	[ρ Leonis]	3.85	B 0 p	10 29 45.492	+3.1592	− 6	+ 9 36 20.37	−18.516	− 6
397	[203 G. Carinae]	3.58	B 5 p	10 29 57.409	+2.1327	− 27	−61 23 11.37	−18.507	+ 9
395	9 H. Dracon.	5.04	G 5	10 30 13.194	+5.1106	− 96	+76 0 45.54	−18.535	− 9
399	[44 Hydrae]	5.32	K 2	10 31 15.188	+2.8536	− 7	−23 26 44.58	−18.542	+ 18
398	[37 Ursae maj.]	5.16	F 0	10 31 26.402	+3.8675	+ 78	+57 22 55.44	−18.532	+ 34

Mittlere Sternörter 1942.0

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.s0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ' "	"	
401	[γ Chamael.]	4.10	M o	10 34 47.945	+0.7149	−125	−78 18 24.24	−18.654	+ 20
400	†*[222 G. Velor. *m*]	4.06	F 2 + A 3	10 34 51.524	+2.5203	−157	−47 55 25.98	−18.696	− 19
402	[225 G. Velorum]	4.37	G o	10 36 59.567	+2.3874	− 21	−55 18 2.72	−18.746	− 2
404	33 Sextantis	6.40	K o	10 38 27.111	+3.0520	− 94	− 1 26 10.14	−18.914	−125
403	[35 H. Urs. maj.]	5.23	K o	10 38 56.630	+4.3017	− 8	+69 22 48.96	−18.821	− 17
405	[41 Leon. min.]	5.05	A 2	10 40 15.921	+3.2626	− 85	+23 29 33.31	−18.838	+ 5
406	ϑ Carinae	3.03	B o	10 40 52.950	+2.1400	− 24	−64 5 24.28	−18.849	+ 12
407	42 Leon. min.	5.37	B 9	10 42 38.644	+3.3367	− 21	+30 59 17.99	−18.954	− 41
408	†μ Velorum	2.84	G 5	10 44 16.168	+2.5798	+ 73	−49 6 47.45	−19.008	− 49
411	[δ² Chamael.]	4.62	B 3	10 45 15.712	+0.5700	−153	−80 14 3.11	−18.985	+ 2
409	53 Leonis	5.27	A o	10 46 12.567	+3.1537	− 4	+10 51 9.38	−19.042	− 28
410	[ν Hydrae]	3.32	K o	10 46 45.661	+2.9603	+ 67	−15 53 22.83	−18.834	+195
412	[46 Leon. min.]	3.92	K o	10 50 4.391	+3.3561	+ 69	+34 31 40.81	−19.403	−285
414	[ι Antliae]	4.70	K o	10 54 0.611	+2.7958	+ 67	−36 49 31.96	−19.351	−132
413	[Br 1508 Drac]	6.26	G 5	10 55 22.379	+4.8091	−246	+78 4 53.16	−19.283	− 31
415	239 G. Velorum	4.56	A 2	10 57 29.239	+2.7518	+ 17	−41 54 52.00	−19.307	− 4
416	β Ursae maj.	2.44	A o	10 58 21.271	+3.6230	+ 97	+56 41 37.46	−19.296	+ 27
417	α Ursae maj.	1.95	K o	11 0 9.908	+3.7058	−174	+62 3 52.33	−19.436	− 71
418	χ Leonis	4.66	F o	11 2 1.537	+3.0949	−231	+ 7 38 59.83	−19.454	− 49
419	[χ¹ Hydrae]	5.06	F 5	11 2 32.019	+2.8901	−143	−26 58 48.40	−19.421	− 4
420	ψ Ursae maj.	3.15	K o	11 6 24.604	+3.3743	− 62	+44 48 48.94	−19.529	− 31
421	β Crateris	4.52	A 2	11 8 48.127	+2.9508	+ 3	−22 30 31.84	−19.649	−103
422	δ Leonis	2.58	A 3	11 11 1.562	+3.1912	+102	+20 50 30.44	−19.723	−136
423	ϑ Leonis	3.41	A o	11 11 11.877	+3.1484	− 43	+15 44 48.82	−19.673	− 82
424	[Grb 1757 UMaj]	5.97	K o	11 13 26.235	+3.3825	− 94	+49 47 35.22	−19.647	− 15
425	ν Ursae maj.	3.71	K o	11 15 21.017	+3.2414	− 23	+33 24 39.75	−19.642	+ 22
426	δ Crateris	3.82	K o	11 16 26.300	+2.9995	− 85	−14 27 51.88	−19.483	+200
427	σ Leonis	4.13	A o	11 18 8.738	+3.0937	− 64	+ 6 20 50.97	−19.723	− 13
428	π Centauri	4.26	B 5	11 18 21.264	+2.7357	− 31	−54 10 22.34	−19.717	− 4
429	Grb 1771 UMaj	5.98	A o	11 19 25.544	+3.5682	− 13	+64 38 53.33	−19.702	+ 29
430	†[ι Leonis]	4.03	F 5	11 20 54.107	+3.1278	+113	+10 50 56.21	−19.831	− 79
431	[γ Crateris]	4.14	A 5	11 21 58.875	+2.9973	− 69	−17 21 54.82	−19.770	− 2
432	[58 Ursae maj.]	5.88	F 8	11 27 23.168	+3.2475	− 53	+43 29 30.46	−19.765	+ 76
433	λ Draconis	4.06	M o	11 27 59.025	+3.5665	− 78	+69 39 5.08	−19.868	− 20
434	ξ Hydrae	3.72	G 5	11 30 8.658	+2.9507	−160	−31 32 11.07	−19.911	− 38
436	λ Centauri	3.34	B 9	11 33 5.696	+2.7649	− 53	−62 41 55.16	−19.911	− 5
435	[*C*² Centauri]	5.42	F o	11 33 6.414	+2.9065	+ 28	−47 19 11.39	−19.957	− 51
437	υ Leonis	4.47	K o	11 33 58.679	+3.0720	+ 2	− 0 30 12.12	−19.876	+ 39
438	[π Chamael.]	5.74	F o	11 34 51.260	+2.4729	−318	−75 34 30.50	−19.916	+ 7
439	[ο Hydrae]	4.88	B 8	11 37 19.618	+2.9798	− 30	−34 25 22.69	−19.942	+ 3

Nr. 400. Doppelstern, Größe der Komponenten: 4.5 und 5.0.

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.s0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ′ ″	″	
440	3 Draconis	5.48	K0	11 39 15.282	+3.3499	− 83	+67 3 57.65	−19.927	+ 34
442	[λ Muscae]	3.80	A5	11 42 51.411	+2.8300	−148	−66 24 25.53	−19.957	+ 30
441	χ Ursae maj.	3.85	K0	11 42 59.680	+3.1695	−139	+48 6 3.86	−19.965	+ 23
443	[65 G. Centauri]	4.22	G0	11 43 41.720	+2.8989	− 42	−60 51 20.81	−20.012	− 19
444	β Leonis	2.23	A2	11 46 6.127	+3.0604	−343	+14 53 46.76	−20.125	−119
445	β Virginis	3.80	F8	11 47 40.384	+3.1251	+494	+ 2 5 29.89	−20.289	−275
446	[*B* Centauri]	4.71	K0	11 48 14.168	+2.9963	− 88	−44 51 3.03	−20.046	− 29
447	γ Ursae maj.	2.54	A0	11 50 47.310	+3.1573	+104	+54 1 2.14	−20.021	+ 6
448	†[ε Chamael. *m*]	5.05	B9	11 56 42.983	+2.9708	−139	−77 53 55.51	−20.042	− 1
449	[88 G. Centauri]	5.28	F0	12 0 38.844	+3.1059	+292	−42 6 33.33	−20.163	−120
450	ο Virginis	4.24	G5	12 2 15.259	+3.0562	−149	+ 9 3 18.41	−19.997	+ 45
451	[Grb 1852 Caml]	5.96	K0	12 2 19.827	+3.0566	+439	+77 13 47.80	−20.142	−100
452	δ Centauri	2.88	B3p	12 5 20.571	+3.1077	− 33	−50 23 57.81	−20.048	− 10
453	ε Corvi	3.21	K0	12 7 8.238	+3.0854	− 49	−22 17 50.00	−20.024	+ 10
454	Br 1634 Caml	5.12	A5	12 9 30.309	+2.8156	+ 22	+77 56 18.31	−20.007	+ 19
455	[δ Crucis]	3.08	B3	12 12 3.137	+3.1833	− 44	−58 25 34.41	−20.021	− 6
456	δ Ursae maj.	3.44	A2	12 12 33.813	+2.9712	+125	+57 21 16.99	−20.010	+ 3
457	[γ Corvi]	2.78	B8	12 12 49.162	+3.0852	−111	−17 13 12.01	−19.995	+ 16
458	[2 Can. ven.]	5.80	K5	12 13 13.416	+3.0075	+ 14	+40 58 58.38	−20.049	− 39
459	β Chamael.	4.38	B5	12 14 54.067	+3.5074	−133	−78 59 24.85	−19.985	+ 16
460	η Virginis	4.00	A0	12 16 56.206	+3.0695	− 42	− 0 20 40.59	−20.011	− 22
461	[6 Can. ven.]	5.22	K0	12 22 59.703	+2.9563	− 70	+39 20 24.56	−19.982	− 40
462	α Crucis *m*	1.58 2.09	B1	12 23 21.666	+3.3339	− 39	−62 46 40.84	−19.951	− 12
463	[323 G. Hydr.]	5.68	A0	12 23 47.888	+3.1609	− 6	−32 30 31.11	−19.965	− 30
464	[σ Centauri]	4.16	B3	12 24 53.578	+3.2429	− 25	−49 54 34.51	−19.945	− 21
466	20 Comae	5.72	A2	12 26 48.461	+3.0143	+ 17	+21 13 1.53	−19.940	− 34
465	δ Corvi	3.11	A0	12 26 51.550	+3.1040	−146	−16 11 33.80	−20.049	−143
467	[74 Ursae maj.]	5.44	A5	12 27 15.216	+2.8033	− 87	+58 43 28.77	−19.813	+ 88
468	[γ Crucis]	1.61	M3	12 27 56.117	+3.3255	+ 39	−56 47 18.85	−20.158	−264
469	[γ Muscae]	4.04	B5	12 28 58.578	+3.5775	− 92	−71 48 45.92	−19.889	− 6
470	β Can. ven.	4.32	G0	12 30 59.500	+2.8496	−631	+41 40 20.68	−19.573	+287
472	κ Draconis	3.88	B5p	12 31 1.053	+2.5629	−117	+70 6 27.75	−19.852	+ 8
471	β Corvi	2.84	G5	12 31 20.135	+3.1512	+ 4	−23 4 34.32	−19.913	− 57
473	24 Comae *sq*	5.18	K0	12 32 13.237	+3.0093	− 4	+18 41 46.01	−19.825	+ 20
474	α Muscae	2.94	B3	12 33 42.119	+3.5725	− 64	−68 48 57.99	−19.839	− 13
475	[χ Virginis]	4.78	K0	12 36 14.976	+3.0964	− 52	− 7 40 36.02	−19.825	− 33
476	†γ Centauri *m*	2.38	A0	12 38 18.424	+3.3067	−192	−48 38 29.06	−19.770	− 6
477	†[γ Virg. *m*]	3.65 3.68	F0 F0	12 38 43.135	+3.0398	−378	− 1 7 53.62	−19.749	+ 8
478	76 Ursae maj.	5.92	A0	12 39 2.269	+2.6222	− 56	+63 1 52.21	−19.775	− 22
479	[330 G. Hydr.]	5.73	K2	12 40 54.638	+3.1967	− 27	−28 0 21.11	−19.763	− 38

Mittlere Sternörter 1942.0

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.s0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ′ ″	″	
480	†[β Muscae *m*]	3.26	B 3	12 42 42.083	+3.6749	− 51	−67 47 27.32	−19.718	− 22
481	β Crucis	1.50	B 1	12 44 19.007	+3.5025	− 47	−59 22 18.89	−19.683	− 14
482	150 G. Centauri	4.34	A 5	12 50 12.937	+3.3216	+ 58	−39 51 49.49	−19.588	− 25
483	ε Ursae maj.	1.68	A 0 p	12 51 28.978	+2.6406	+134	+56 16 27.63	−19.548	− 9
484	δ Virginis	3.66	M 0	12 52 40.809	+3.0220	−314	+ 3 42 44.14	−19.573	− 57
486	8 Draconis	5.27	F 0	12 53 10.335	+2.3894	− 15	+65 45 9.86	−19.542	− 36
485	α Can. ven. *sq*	2.90	A 0 p	12 53 19.031	+2.8068	−201	+38 37 52.32	−19.452	+ 50
487	[δ Muscae]	3.63	K 2	12 58 15.023	+4.1201	+571	−71 14 11.71	−19.429	− 31
488	ε Virginis	2.95	K 0	12 59 17.322	+2.9864	−186	+11 16 13.77	−19.356	+ 19
489	[ξ² Centauri]	4.40	B 3	13 3 30.722	+3.4997	− 32	−49 35 45.52	−19.289	− 11
490	ϑ Virginis	4.44	A 0	13 6 56.622	+3.1061	− 23	− 5 13 47.25	−19.229	− 35
491	[17 Can. ven.]	6.04	F 0	13 7 23.517	+2.7552	− 64	+38 48 24.16	−19.144	+ 38
492	β Comae	4.32	G 0	13 9 10.052	+2.7999	−604	+28 10 17.93	−18.260	+877
493	[η Muscae]	4.95	B 8	13 11 17.472	+4.0598	− 57	−67 35 16.03	−19.096	− 16
494	[20 Can. ven.]	4.66	F 0	13 14 56.637	+2.6906	−110	+40 52 38.97	−18.963	+ 18
495	γ Hydrae	3.33	G 5	13 15 45.794	+3.2615	+ 53	−22 51 57.93	−19.006	− 49
496	ι Centauri	2.91	A 2	13 17 19.698	+3.3714	−281	−36 24 24.78	−18.999	− 87
497	ζ Urs. maj. *pr*	2.40	A 2 p	13 21 35.592	+2.4163	+140	+55 13 39.98	−18.811	− 25
498	α Virginis	1.21	B 2	13 22 8.023	+3.1604	− 26	−10 51 33.02	−18.802	− 33
499	Grb 2001 UMin	6.07	K 5	13 24 39.125	+1.5289	+ 39	+72 41 32.36	−18.704	− 13
500	69 H. Urs. maj.	5.41	A 0	13 26 19.498	+2.2023	−110	+60 14 41.55	−18.605	+ 33
501	ζ Virginis	3.44	A 2	13 31 44.104	+3.0569	−190	− 0 18 0.23	−18.422	+ 36
502	17 H. Can. ven.	4.96	F 0	13 32 12.487	+2.6787	+ 68	+37 28 44.33	−18.453	− 12
503	[49 G. Chamael.]	6.44	A 0	13 34 10.973	+5.1188	− 35	−75 23 20.27	−18.387	− 15
505	[Grb 2029 UMin]	5.67	K 0	13 35 47.119	+1.4399	− 89	+71 32 13.38	−18.323	− 5
504	ε Centauri	2.56	B 1	13 36 11.921	+3.7984	− 22	−53 10 19.67	−18.316	− 14
506	[1 Centauri]	4.36	F 5	13 42 23.045	+3.4083	−363	−32 45 4.09	−18.225	−150
507	τ Bootis	4.51	F 5	13 44 30.300	+2.8510	−338	+17 44 42.47	−17.960	+ 34
509	η Ursae maj.	1.91	B 3	13 45 15.397	+2.3645	−126	+49 36 7.93	−17.980	− 14
508	[μ Centauri]	3.32	B 2 p	13 46 6.743	+3.6123	− 19	−42 11 7.87	−17.956	− 24
510	89 Virginis	5.11	K 0	13 46 42.889	+3.2594	− 70	−17 50 45.72	−17.951	− 43
511	[10 Draconis]	4.77	M 0	13 49 44.205	+1.7519	− 4	+65 0 33.32	−17.798	− 9
512	ζ Centauri	3.06	B 2 p	13 51 54.572	+3.7402	− 55	−47 0 12.86	−17.741	− 42
513	η Bootis	2.80	G 0	13 51 55.322	+2.8567	− 44	+18 41 15.76	−18.062	−362
514	[294 G. Cent.]	4.68	K 0	13 53 25.678	+4.3363	− 49	−63 24 11.83	−17.667	− 31
515	[47 Hydrae]	5.17	B 8	13 55 15.510	+3.3661	− 32	−24 41 23.46	−17.588	− 28
517	11 Bootis	6.12	A 3	13 58 32.644	+2.7204	− 63	+27 39 57.55	−17.408	+ 12
516	τ Virginis	4.34	A 2	13 58 41.516	+3.0532	+ 11	+ 1 49 27.93	−17.437	− 24
518	β Centauri	0.86	B 1	13 59 42.655	+4.2301	− 25	−60 5 38.87	−17.389	− 20
521	α Draconis	3.64	A 0 p	14 2 48.968	+1.6240	− 89	+64 39 9.21	−17.220	+ 13

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.ˢ0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
519	[π Hydrae]	3.48	K o	14 3 3.712	+3.4160	+ 34	−26 24 13.68	−17.365	− 144
520	ϑ Centauri	2.26	K o	14 3 15.631	+3.5294	− 427	−36 5 7.78	−17.734	− 522
522	12 *d* Bootis	4.82	F 5	14 7 45.177	+2.7362	− 18	+25 21 56.35	−17.072	− 64
524	4 Ursae min.	5.00	K o	14 9 2.438	−0.2416	− 108	+77 49 12.03	−16.921	+ 28
523	ϰ Virginis	4.31	K o	14 9 47.848	+3.2001	+ 5	−10 0 16.75	−16.777	+ 135
525	ι Virginis	4.16	F 5	14 12 58.168	+3.1459	− 7	− 5 43 28.52	−17.190	− 428
526	α Bootis	0.24	K o	14 13 0.870	+2.7364	− 775	+19 29 0.99	−18.758	−1997
528	[ι Bootis]	4.78	A 5	14 14 6.684	+2.1244	− 163	+51 38 2.94	−16.618	+ 89
527	λ Bootis	4.26	A o	14 14 10.734	+2.2808	− 182	+46 21 14.27	−16.546	+ 158
529	[υ Centauri]	4.41	B 5	14 16 15.388	+4.1859	− 22	−56 7 13.43	−16.616	− 14
530	[10 G. Circini]	5.71	A 2 p	14 20 15.792	+4.9653	− 23	−67 55 58.52	−16.417	− 14
531	ϑ Bootis	4.06	F 8	14 23 13.280	+2.0422	− 261	+52 7 5.47	−16.655	− 401
532	[52 Hydrae]	5.00	B 8	14 24 46.159	+3.5130	− 18	−29 13 55.25	−16.200	− 26
533	[φ Virginis]	4.97	K o	14 25 12.638	+3.0912	− 92	− 1 58 8.06	−16.155	− 4
534	ρ Bootis	3.78	K o	14 29 19.764	+2.5855	− 79	+30 37 30.66	−15.819	+ 117
535	γ Bootis	3.00	F o	14 29 44.517	+2.4158	− 98	+38 33 40.19	−15.765	+ 149
536	[Grb 2125 Drac]	6.18	F o	14 30 8.152	+1.6282	− 72	+60 28 50.14	−15.879	+ 14
537	η Centauri	2.65	B 3 p + A 2 p	14 31 48.835	+3.8078	− 30	−41 54 15.09	−15.837	− 35
538	*α Centauri	1.70 0.33	K 5 G o	14 35 38.692	+4.0745	−4883	−60 35 50.29	−14.884	+ 710
540	[33 Bootis]	5.39	A o	14 36 40.663	+2.2325	− 68	+44 39 14.90	−15.558	− 20
539	[α Circini]	3.41	F o	14 37 47.590	+4.8422	− 295	−64 43 26.76	−15.712	− 237
541	[α Lupi]	2.89	B 2	14 38 3.617	+3.9880	− 16	−47 8 25.50	−15.479	− 19
543	†ζ Bootis *m*	4.83 4.43	A 2	14 38 22.623	+2.8648	+ 36	+13 58 34.08	−15.463	− 20
545	μ Virginis	3.95	F 5	14 39 59.989	+3.1616	+ 71	− 5 24 25.66	−15.674	− 322
544	[371 G. Centauri]	4.13	K o	14 40 6.088	+3.6681	− 52	−34 55 30.32	−15.532	− 186
542	α Apodis	3.81	K 5	14 40 33.446	+7.4256	− 8	−78 48 3.21	−15.339	− 21
546	[30 G. Lupi]	5.20	K o	14 42 56.987	+4.1927	− 24	−52 8 21.59	−15.267	− 83
547	109 Virginis	3.76	A o	14 43 18.825	+3.0331	− 74	+ 2 8 10.38	−15.196	− 31
548	α² Librae	2.90	A 3	14 47 39.896	+3.3185	− 73	−15 48 6.86	−14.984	− 71
549	Grb 2164 Drac	5.67	K 2	14 49 57.844	+1.5224	− 167	+59 31 44.71	−14.645	+ 134
550	β Ursae min.	2.24	K 5	14 50 51.056	−0.1796	− 84	+74 23 33.28	−14.718	+ 9
551	Pi XIV 221 Boot	5.77	A o	14 53 28.843	+2.8317	− 10	+14 40 46.77	−14.573	− 4
552	β Lupi	2.81	B 2 p	14 54 43.334	+3.9272	− 37	−42 54 5.73	−14.534	− 41
553	[ϰ Centauri]	3.35	B 3	14 55 22.690	+3.9015	− 15	−41 52 21.95	−14.482	− 28
554	[2 H. Urs. min.]	4.86	M 3	14 56 39.172	+0.9524	− 138	+66 9 46.91	−14.352	+ 26
555	β Bootis	3.63	G 5	14 59 45.593	+2.2596	− 40	+40 37 6.43	−14.220	− 33
556	σ Librae	3.41	M 3	15 0 40.151	+3.5109	− 53	−25 3 19.08	−14.177	− 48
557	ψ Bootis	4.67	K o	15 1 57.529	+2.5707	− 133	+27 10 22.11	−14.059	− 9
558	ζ Lupi	3.50	K o	15 8 6.260	+4.3073	− 121	−51 52 47.94	−13.727	− 67
559	[ι Librae]	4.66	A o p	15 8 54.582	+3.4193	− 27	−19 34 24.59	−13.652	− 42

Nr. 538. Ort des Schwerpunktes. Die Reduktion auf den Ort des helleren Sternes beträgt nach den Elementen von Finsen, Union Observ. Circular 68, 1926:

$$1942.0 \quad \Delta\alpha = +0\overset{s}{.}023 \quad \Delta\delta = -3\overset{\prime\prime}{.}06$$
$$1943.0 \quad = -0.011 \quad = -3.37$$

Mittlere Sternörter 1942.0

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.s0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ' "	"	
562	[3 Serpentis]	5.44	K 0	15 12 18.188	+2.9821	−14	+5 9 12.67	−13.389	+1
561	[β Circini]	4.16	A 3	15 12 57.302	+4.6929	−126	−58 35 10.62	−13.485	−138
563	δ Bootis	3.54	K 0	15 13 9.769	+2.4187	+66	+33 31 48.65	−13.453	−118
560	γ Triang. austr.	3.06	A 0	15 13 27.826	+5.5944	−105	−68 28 2.03	−13.340	−27
564	β Librae	2.74	B 8	15 13 52.902	+3.2281	−66	−9 10 12.55	−13.310	−23
565	1 H. Urs. min.	5.23	G 0	15 13 57.731	+0.6867	+371	+67 34 0.18	−13.674	−391
566	φ¹ Lupi	3.59	K 5	15 18 7.032	+3.8054	−79	−36 3 8.51	−13.094	−87
569	γ Ursae min.	3.14	A 2	15 20 48.121	−0.0985	−48	+72 2 25.50	−12.811	+19
568	μ Bootis *pr*	4.47 6.66	F 0 K 0	15 22 17.869	+2.2664	−124	+37 34 46.57	−12.644	+83
570	[τ¹ Serpentis]	5.46	M 0	15 23 5.852	+2.7824	−12	+15 37 50.86	−12.687	−14
571	ι Draconis	3.47	K 0	15 23 38.076	+1.3340	−16	+59 10 7.10	−12.625	+13
567	[κ¹ Apodis]	5.65	B 5 p	15 25 8.831	+6.5271	+15	−73 11 27.68	−12.566	−34
572	β Coron. bor.	3.72	F 0 p	15 25 26.159	+2.4736	−138	+29 18 16.58	−12.432	+82
573	ν¹ Bootis	5.15	K 5	15 28 50.646	+2.1549	+7	+41 1 47.64	−12.287	−7
576	[ϑ Coron. bor.]	4.17	B 5	15 30 35.342	+2.4190	−19	+31 33 13.63	−12.177	−18
575	†γ Lupi *m*	2.95	B 3	15 31 15.998	+3.9966	−13	−40 58 23.87	−12.141	−30
574	[ε Triang. austr.]	4.11	K 0	15 31 23.183	+5.4842	+44	−66 7 27.12	−12.171	−69
578	α Coron. bor.	2.31	A 0	15 32 13.831	+2.5401	+90	+26 54 31.75	−12.136	−91
577	γ Librae	4.02	K 0	15 32 16.623	+3.3557	+43	−14 35 51.06	−12.039	+1
579	[υ Librae]	3.78	K 2	15 33 29.828	+3.6417	−4	−27 56 39.89	−11.957	−2
580	[φ Bootis]	5.41	G 5	15 35 44.509	+2.1545	+52	+40 32 28.68	−11.742	+56
581	†[γ Coron. bor.]	3.93	A 0	15 40 18.307	+2.5194	−80	+26 28 41.68	−11.431	+42
582	α Serpentis	2.75	K 0	15 41 24.516	+2.9550	+92	+6 36 24.62	−11.348	+45
583	β Serpentis	3.74	A 2	15 43 30.524	+2.7690	+48	+15 36 7.61	−11.290	−48
587	[12 H. Dracon.]	5.13	A 2	15 45 46.510	+0.9133	+48	+62 46 42.04	−11.139	−61
590	ζ Ursae min.	4.34	A 2	15 46 5.002	−2.1525	+52	+77 58 25.65	−11.062	−4
584	κ Serpentis	4.28	K 5	15 46 7.620	+2.7006	−34	+18 19 10.28	−11.141	−89
585	μ Serpentis	3.63	A 0	15 46 35.406	+3.1309	−58	−3 15 14.76	−11.046	−28
586	[χ Lupi]	4.11	B 9	15 47 15.954	+3.8112	−8	−33 27 7.47	−11.000	−32
588	ε Serpentis	3.75	A 2	15 47 55.324	+2.9905	+85	+4 39 3.67	−10.857	+63
589	β Triang. austr.	3.04	F 0	15 50 0.683	+5.2816	−282	−63 15 13.38	−11.158	−393
591	[γ Serpentis]	3.86	F 5	15 53 46.297	+2.7711	+212	+15 50 58.71	−11.774	−1286
593	ε Coron. bor.	4.22	K 0	15 55 11.051	+2.4836	−61	+27 2 40.83	−10.447	−64
592	[π Scorpii]	3.00	B 2	15 55 20.263	+3.6290	−6	−25 56 55.04	−10.395	−25
595	[Grb 2296 Drac]	4.96	A 5	15 56 24.595	+1.4224	−185	+54 54 46.57	−10.185	+106
594	δ Scorpii	2.54	B 0	15 56 53.943	+3.5472	−5	−22 27 29.43	−10.280	−27
598	ϑ Draconis	4.11	F 8	16 0 47.846	+1.1234	−413	+58 43 10.60	−9.625	+336
597	β Scorpii *pr*	2.90 5.06	B 1	16 2 3.602	+3.4882	−2	−19 38 53.61	−9.885	−22
596	[δ Normae]	4.84	A 3 p	16 2 22.971	+4.2384	+4	−45 1 3.25	−9.807	+31
599	[ϑ Lupi]	4.33	B 3	16 2 46.578	+3.9384	−17	−36 38 45.99	−9.843	−36

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		m		h m s	s		° ′ ″	″	
601	[φ Herculis]	4.26	B 9 p	16 6 56.386	+1.8899	− 28	+45 5 9.80	−9.456	+ 35
600	[ϰ Normae]	5.09	K 0	16 8 53.493	+4.7286	− 11	−54 28 56.77	−9.364	− 26
602	[δ Triang. austr.]	4.03	G 0	16 10 8.423	+5.4566	+ 10	−63 32 23.31	−9.255	− 15
603	δ Ophiuchi	3.03	M 0	16 11 18.176	+3.1437	− 31	− 3 32 47.21	−9.297	−146
606	19 Ursae min.	5.51	B 8	16 12 26.879	−1.7163	− 15	+76 1 27.83	−9.052	+ 13
605	ε Ophiuchi	3.34	K 0	16 15 14.953	+3.1741	+ 55	− 4 33 9.23	−8.804	+ 39
604	γ² Normae	4.14	K 0	16 15 29.401	+4.4867	−170	−50 0 54.76	−8.877	− 54
607	[σ Scorpii]	3.08	B 1	16 17 39.487	+3.6462	− 7	−25 27 19.00	−8.677	− 24
608	τ Herculis	3.91	B 5	16 17 59.698	+1.8032	− 12	+46 27 2.24	−8.591	+ 37
612	[η Ursae min.]	5.04	F 0	16 19 10.320	−1.7587	−229	+75 53 22.99	−8.287	+250
609	γ Herculis	3.79	F 0	16 19 21.561	+2.6464	− 35	+19 17 17.11	−8.476	+ 44
610	[ζ Triang. austr.]	4.93	G 0	16 22 12.274	+6.4481	+403	−69 57 23.28	−8.186	+104
613	[ω Herculis]	4.53	A 0 p	16 22 44.205	+2.7685	+ 27	+14 9 55.74	−8.310	− 59
614	[Grb 2343 Drac]	5.66	A 2	16 23 9.003	+1.3121	+ 13	+55 20 10.73	−8.202	+ 17
615	†η Draconis	2.89	G 5	16 23 11.981	+0.8118	− 30	+61 38 42.31	−8.157	+ 58
611	γ Apodis	3.90	K 0	16 24 29.177	+9.1879	−408	−78 46 15.21	−8.174	− 67
616	α Scorpii	1.22	M 0 + A 3	16 25 50.814	+3.6785	− 2	−26 18 17.91	−8.025	− 23
618	β Herculis	2.81	K 0	16 27 43.472	+2.5788	− 72	+21 36 53.03	−7.868	− 16
617	†[λ Ophiuchi *m*]	3.85	A 0	16 27 59.132	+3.0258	− 21	+ 2 6 34.20	−7.905	− 74
619	*A* Draconis	4.98	B 8 p	16 28 5.121	−0.1190	− 53	+68 53 37.20	−7.790	+ 34
621	σ Herculis	4.25	A 0	16 32 13.857	+1.9340	− 12	+42 33 20.54	−7.445	+ 43
620	[τ Scorpii]	2.91	B 0	16 32 16.024	+3.7344	− 5	−28 5 50.66	−7.509	− 25
623	[Grb 2373 UMin]	6.39	G 5	16 33 6.329	−2.5873	−326	+77 33 47.30	−7.146	+274
622	ζ Ophiuchi	2.70	B 0	16 33 57.709	+3.3033	+ 8	−10 27 4.32	−7.323	+ 24
624	[Br 2114 Ophi]	5.04	K 0	16 38 12.875	+3.4695	− 16	−17 37 53.64	−7.002	− 3
626	η Herculis	3.61	K 0	16 40 54.332	+2.0566	+ 29	+39 1 53.63	−6.862	− 83
625	α Triang. austr.	1.88	K 2	16 42 30.247	+6.3494	+ 51	−68 55 26.72	−6.678	− 33
627	Grb 2377 Drac	4.88	F 0	16 44 11.550	+1.1374	+ 17	+56 53 5.88	−6.444	+ 65
628	ε Scorpii	2.36	K 0	16 46 24.120	+3.8855	−490	−34 11 22.97	−6.576	−252
629	49 Herculis	6.41	A 0 p	16 49 26.276	+2.7312	+ 10	+15 4 12.64	−6.069	+ 3
630	†ζ² Scorpii	3.75	K 5	16 50 29.762	+4.2208	−113	−42 15 50.18	−6.217	−235
631	ζ Arae	3.06	K 5	16 53 48.694	+4.9632	− 20	−55 54 2.79	−5.737	− 33
633	ϰ Ophiuchi	3.42	K 0	16 54 55.245	+2.8394	−199	+ 9 27 49.68	−5.622	− 8
632	[ε¹ Arae]	4.15	K 2	16 54 57.179	+4.7801	0	−53 4 24.41	−5.592	+ 17
634	ε Herculis	3.92	A 0	16 58 4.103	+2.2951	− 40	+31 0 38.46	−5.320	+ 29
635	[60 Herculis]	4.91	A 3	17 2 41.187	+2.7819	+ 33	+12 49 8.76	−4.967	− 9
636	[Grb 2415 Herc]	6.27	A 2	17 5 53.069	+1.9566	− 34	+40 35 27.07	−4.720	− 33
637	†η Ophiuchi *m*	2.63	A 2	17 7 2.933	+3.4402	+ 26	−15 39 17.19	−4.493	+ 94
638	[η Scorpii]	3.44	F 2	17 7 59.631	+4.2965	+ 22	−43 9 52.84	−4.789	−283
639	ζ Draconis	3.22	B 5	17 8 36.789	+0.1731	− 32	+65 47 9.49	−4.435	+ 21

Mittlere Sternörter 1942.0

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		m		h m s	s		° ' "	"	
640	†α Herculis *pr*	3.48 5.39	M 3	17 12 0.058	+2.7354	− 8	+14 27 18.31	−4.128	+ 37
641	δ Herculis	3.16	A 2	17 12 38.840	+2.4641	− 18	+24 54 22.73	−4.268	−158
643	π Herculis	3.36	K 5	17 13 1.501	+2.0893	− 25	+36 52 24.45	−4.074	+ 4
642	[ι Apodis]	5.60	B 8	17 15 36.978	+6.6899	+ 12	−70 3 55.34	−3.867	− 14
644	ϑ Ophiuchi	3.37	B 3	17 18 26.678	+3.6843	− 2	−24 56 36.31	−3.633	− 21
645	β Arae	2.80	K 2	17 20 28.346	+4.9863	− 7	−55 28 38.64	−3.461	− 25
647	[27 H. Ophiuchi]	4.61	F 0	17 23 33.085	+3.1830	− 64	− 5 2 12.88	−3.216	− 44
646	[45 Ophiuchi]	4.37	F 5	17 23 38.859	+3.8308	+ 15	−29 48 59.05	−3.304	−141
650	[77 Herculis]	5.81	A 2	17 25 11.846	+1.5898	− 4	+48 18 28.37	−3.037	− 7
648	δ Arae	3.79	B 8	17 25 51.410	+5.4153	− 66	−60 38 16.36	−3.059	− 88
649	[υ Scorpii]	2.80	B 3	17 26 49.023	+4.0786	0	−37 15 5.30	−2.920	− 31
651	α Arae	2.97	B 3 p	17 27 21.235	+4.6373	− 28	−49 49 56.57	−2.914	− 72
653	β Draconis	2.99	G 0	17 29 7.184	+1.3552	− 21	+52 20 37.04	−2.679	+ 13
652	λ Scorpii	1.71	B 2	17 29 40.016	+4.0736	0	−37 3 48.33	−2.670	− 28
655	[ν¹ Draconis]	4.98	A 5	17 31 1.853	+1.1808	+165	+55 13 23.75	−2.472	+ 54
657	[ν² Draconis]	4.95	A 5	17 31 7.277	+1.1818	+168	+55 12 42.48	−2.466	+ 53
659	[27 Draconis]	5.21	K 0	17 32 11.473	−0.2413	− 29	+68 10 19.55	−2.292	+134
656	α Ophiuchi	2.14	A 5	17 32 14.422	+2.7846	+ 80	+12 36 2.97	−2.646	−226
654	ϑ Scorpii	2.04	F 0	17 33 8.871	+4.3105	+ 15	−42 57 46.49	−2.337	+ 3
658	ξ Serpentis	3.64	A 5	17 34 15.789	+3.4348	− 32	−15 21 49.60	−2.305	− 61
664	ω Draconis	4.87	F 5	17 37 17.171	−0.3520	+ 3	+68 47 5.84	−1.660	+323
663	ι Herculis	3.79	B 3	17 37 49.524	+1.6932	− 9	+46 2 10.68	−1.931	+ 4
660	[κ Scorpii]	2.51	B 2	17 38 28.338	+4.1500	− 5	−39 0 7.63	−1.905	− 28
662	[μ Arae]	5.26	G 5	17 39 32.132	+4.7626	− 21	−51 48 19.24	−1.972	−188
661	η Pavonis	3.58	K 0	17 40 2.155	+5.8886	− 5	−64 41 55.73	−1.790	− 50
665	β Ophiuchi	2.94	K 0	17 40 36.334	+2.9635	− 28	+ 4 35 23.96	−1.533	+159
670	ψ Draconis *pr*	4.90 6.07	F 5	17 42 57.848	−1.0678	+ 38	+72 10 40.31	−1.756	−267
666	[ι¹ Scorpii]	3.14	F 5 p	17 43 31.527	+4.1959	+ 2	−40 6 23.45	−1.441	− 4
667	μ Herculis	3.48	G 5	17 44 11.193	+2.3478	−239	+27 45 12.50	−2.124	−744
668	[γ Ophiuchi]	3.74	A 0	17 44 58.961	+3.0080	− 16	+ 2 43 39.34	−1.382	− 71
669	[*G* Scorpii]	3.25	K 2	17 45 54.515	+4.0842	+ 51	−37 1 36.19	−1.194	+ 34
675	35 Draconis	5.04	F 5	17 52 2.467	−2.6871	+110	+76 58 18.79	−0.452	+246
671	ξ Draconis	3.90	K 0	17 52 31.420	+1.0370	+110	+56 52 52.19	−0.577	+ 76
672	ϑ Herculis	3.99	K 0	17 54 15.727	+2.0571	− 1	+37 15 25.58	−0.494	+ 6
676	γ Draconis	2.42	K 5	17 55 15.440	+1.3926	− 13	+51 29 41.97	−0.434	− 20
674	[ξ Herculis]	3.82	K 0	17 55 30.561	+2.3311	+ 62	+29 15 10.43	−0.410	− 19
673	ν Ophiuchi	3.50	K 0	17 55 49.910	+3.3025	− 6	− 9 46 5.47	−0.482	−120
677	67 Ophiuchi	3.92	B 5 p	17 57 44.303	+3.0043	− 4	+ 2 55 58.07	−0.206	− 10
679	γ Sagittarii	3.07	K 0	18 2 4.845	+3.8538	− 41	−30 25 35.97	0.000	−185
678	[66 G. Apodis]	5.69	K 5	18 3 8.950	+8.3950	+ 43	−75 53 48.19	+0.003	−279

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		m		h m s	s		° ′ ″	″	
680	72 Ophiuchi	3.73	A 3	18 4 35.906	+2.8440	− 43	+ 9 33 14.96	+0.486	+ 82
681	o Herculis	3.83	A o	18 5 16.697	+2.3399	− 3	+28 45 11.89	+0.472	+ 9
682	μ Sagittarii	4.01	B 8 p	18 10 17.616	+3.5876	+ 1	−21 4 32.97	+0.902	− 1
685	[36 Draconis]	5.03	F 5	18 13 33.678	+0.3449	+ 529	+64 22 38.65	+1.217	+ 31
683	[η Sagittarii]	3.16	M 3	18 13 42.078	+4.0593	− 109	−36 46 51.75	+1.037	−163
684	[Grb 2533 Lyra]	5.42	B 5	18 13 50.414	+1.8656	− 7	+42 8 18.64	+1.207	− 4
687	[δ Sagittarii]	2.84	K o	18 17 16.828	+3.8410	+ 31	−29 51 16.71	+1.484	− 29
686	[ξ Pavonis]	4.25	K 2	18 17 52.938	+5.5284	− 5	−61 31 22.43	+1.571	+ 4
688	η Serpentis	3.42	K o	18 18 18.429	+3.1037	− 372	− 2 54 55.59	+0.905	−697
689	ε Sagittarii	1.95	A o	18 20 19.339	+3.9826	− 23	−34 24 50.32	+1.652	−126
690	109 Herculis	3.92	K o	18 21 13.492	+2.5563	+ 137	+21 44 31.48	+1.614	−242
693	†[φ Draconis *m*]	4.24	A o p	18 21 35.397	−0.8606	− 18	+71 18 26.91	+1.926	+ 41
695	χ Draconis	3.69	F 8	18 22 6.146	−1.0824	+1168	+72 42 29.69	+1.573	−356
691	α Telescopii	3.76	B 3	18 22 40.361	+4.4485	− 17	−46 0 8.58	+1.941	− 42
694	†39 Draconis	4.85	A 2	18 23 3.707	+0.8753	− 55	+58 45 59.85	+2.074	+ 60
692	[λ Sagittarii]	2.94	K o	18 24 23.433	+3.7022	− 33	−25 27 19.88	+1.948	−183
696	[γ Scuti]	4.73	A 3	18 25 53.447	+3.4190	0	−14 36 16.20	+2.259	− 3
697	[ϑ Coron. austr.]	4.69	G 5	18 29 21.665	+4.2839	+ 25	−42 21 22.75	+2.543	− 21
700	[Grb 2655 Drac]	5.84	K o	18 32 33.642	−2.8964	− 12	+77 30 11.86	+2.838	+ 2
699	α Lyrae	0.14	A o	18 34 58.411	+2.0310	+ 170	+38 43 42.86	+3.331	+283
701	[Grb 2640 Drac]	6.00	A 3	18 36 2.319	+0.1873	+ 17	+65 26 11.92	+3.220	+ 82
698	ζ Pavonis	4.10	K o	18 36 16.225	+7.0134	+ 14	−71 28 52.62	+3.003	−160
702	[ε Scuti]	5.09	G 5	18 40 21.679	+3.2671	+ 13	− 8 20 2.96	+3.520	+ 6
703	110 Herculis	4.26	F 5	18 43 9.847	+2.5814	− 12	+20 29 22.19	+3.420	−335
704	λ Pavonis	4.42	B 2	18 46 50.902	+5.5593	− 11	−62 15 24.08	+4.056	− 17
705	*β Lyrae	var.	B 8 p + B 2 p	18 47 56.219	+2.2145	− 2	+33 17 39.18	+4.161	− 2
707	o Draconis	4.78	K o	18 50 20.712	+0.8850	+ 98	+59 19 1.11	+4.393	+ 25
706	σ Sagittarii	2.14	B 3	18 51 40.163	+3.7197	+ 10	−26 22 14.00	+4.428	− 55
709	ϑ Serpent. *pr*	4.50	A 5	18 53 20.117	+2.9822	+ 29	+ 4 7 36.13	+4.661	+ 36
711	**R* Lyrae	var.	M 3	18 53 34.131	+1.8253	+ 17	+43 52 7.57	+4.726	+ 82
708	λ Telescopii	5.03	B 9	18 53 49.607	+4.8004	+ 19	−53 0 59.95	+4.675	+ 8
710	[ξ² Sagittarii]	3.61	K o	18 54 16.186	+3.5786	+ 20	−21 11 4.74	+4.690	− 14
714	[υ Draconis]	4.91	K o	18 55 6.809	−0.7340	+ 95	+71 13 12.40	+4.820	+ 47
713	γ Lyrae	3.30	A o p	18 56 46.344	+2.2437	− 7	+32 36 31.82	+4.917	+ 1
712	[ε Aquilae]	4.21	K o	18 56 59.331	+2.7225	− 39	+14 59 17.32	+4.861	− 74
715	†[ζ Sagittarii *m*]	2.71	A 2	18 58 55.348	+3.8169	− 13	−29 57 53.75	+5.098	− 1
716	ζ Aquilae	3.02	A o	19 2 44.588	+2.7569	− 8	+13 46 33.14	+5.326	− 94
717	λ Aquilae	3.55	B 9	19 3 10.213	+3.1832	− 17	− 4 58 15.83	+5.370	− 87
719	[ι Lyrae]	5.13	B 5	19 5 13.817	+2.1402	− 8	+36 0 29.53	+5.630	0
718	α Coron. austr.	4.12	A 2	19 5 31.698	+4.0818	+ 73	−37 59 48.12	+5.556	− 99

Nr. 705. Größe: Max. 3.4, Min. 4.1. Nr. 711. Größe: Max. 4.0, Min. 4.7, Größe in Harvard 50 = 4.32.

Mittlere Sternörter 1942.0

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.s0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0."001
		m		h m s	s		° ′ ″	″	
720	π Sagittarii	3.02	F 2	19 6 18.906	+3.5676	— 1	—21 7 3.29	+ 5.685	— 37
721	†[60 G. Pavon. *m*]	5.57	A 2	19 11 22.932	+6.0359	+ 7	—66 45 50.69	+ 6.126	— 20
723	δ Draconis	3.24	K 0	19 12 32.726	+0.0143	+ 160	+67 33 34.36	+ 6.332	+ 93
722	[43 Sagittarii]	5.03	K 0	19 14 14.512	+3.5098	— 9	—19 3 28.30	+ 6.366	— 16
724	ϑ Lyrae	4.46	K 0	19 14 21.202	+2.0818	— 8	+38 1 45.74	+ 6.393	+ 2
725	ω Aquilae	5.14	A 5	19 15 5.570	+2.8156	— 4	+11 29 22.15	+ 6.471	+ 18
726	ϰ Cygni	3.98	K 0	19 15 45.706	+1.3860	+ 61	+53 15 38.74	+ 6.630	+ 123
729	τ Draconis	4.63	K 0	19 16 40.710	—1.1534	— 331	+73 14 54.41	+ 6.692	+ 112
727	[υ Sagittarii]	4.58	B 8 p + F 2 p	19 18 24.340	+3.4354	— 2	—16 3 55.77	+ 6.721	— 6
728	α Sagittarii	4.11	B 8	19 19 52.233	+4.1569	+ 26	—40 43 36.91	+ 6.729	— 118
730	δ Aquilae	3.44	F 0	19 22 34.398	+3.0243	+ 167	+ 2 59 51.71	+ 7.152	+ 84
731	[186 G. Sagittar.]	5.68	B 9	19 23 16.667	+3.7916	+ 15	—29 51 34.67	+ 7.081	— 45
734	[Grb 2900 Drac]	6.00	A 2	19 25 14.013	—3.6329	+ 40	+79 29 18.00	+ 7.250	— 31
733	ι Cygni	3.94	A 2	19 28 14.588	+1.5122	+ 19	+51 36 19.69	+ 7.658	+ 129
732	*β Cygni *pr*	3.24	K 0 + A 0	19 28 22.857	+2.4190	— 3	+27 50 11.96	+ 7.537	— 4
735	[ι Telescopii]	5.02	K 0	19 30 55.093	+4.4511	— 16	—48 13 34.31	+ 7.713	— 35
736	52 Sagittarii	4.66	B 9	19 33 10.755	+3.6508	+ 51	—25 0 47.81	+ 7.909	— 20
737	[ϰ Aquilae]	5.04	B 0	19 33 46.256	+3.2270	0	— 7 9 28.67	+ 7.972	— 4
738	ϑ Cygni	4.64	F 5	19 34 53.096	+1.6078	— 30	+50 5 9.39	+ 8.318	+ 254
740	[15 Cygni]	5.02	K 0	19 42 10.992	+2.1632	+ 56	+37 12 47.46	+ 8.679	+ 34
742	†δ Cygni	2.97	A 0	19 43 9.674	+1.8749	+ 44	+44 59 18.00	+ 8.770	+ 48
739	[ν Telescopii]	5.52	A 5	19 43 17.540	+4.9005	+ 102	—56 30 14.52	+ 8.605	— 129
741	γ Aquilae	2.80	K 2	19 43 30.089	+2.8518	+ 8	+10 28 14.34	+ 8.752	+ 3
743	δ Sagittae	3.78	M 0 + A 0	19 44 48.023	+2.6747	+ 2	+18 23 23.76	+ 8.863	+ 12
744	[51 Aquilae]	5.55	F 0	19 47 35.368	+3.3009	— 19	—10 54 43.79	+ 9.104	+ 35
745	α Aquilae	0.89	A 5	19 47 57.171	+2.9266	+ 360	+ 8 42 49.77	+ 9.485	+ 387
747	†ε Draconis	3.99	K 0	19 48 22.692	—0.2017	+ 153	+70 7 13.30	+ 9.168	+ 40
746	*[η Aquilae]	var.	G 0 p	19 49 31.077	+3.0557	+ 3	+ 0 51 19.50	+ 9.215	— 4
749	β Aquilae	3.90	K 0	19 52 27.805	+2.9464	+ 26	+ 6 15 38.05	+ 8.969	— 478
748	ε Pavonis	4.10	A 0	19 53 55.254	+6.9488	+ 190	—73 3 59.49	+ 9.431	— 130
750	†ψ Cygni	4.80	A 3	19 54 7.771	+1.5504	— 47	+52 17 3.31	+ 9.546	— 29
751	ϑ¹ Sagittarii	4.39	B 3	19 55 57.863	+3.9046	0	—35 26 5.16	+ 9.692	— 25
752	γ Sagittae	3.71	K 5	19 56 10.584	+2.6675	+ 42	+19 20 0.41	+ 9.760	+ 28
753	[62 Sagittarii]	4.60	M 3	19 59 5.660	+3.6891	+ 27	—27 52 21.54	+ 9.975	+ 20
755	[ξ Telescopii]	4.86	M 0	20 2 57.063	+4.5982	— 15	—53 2 55.33	+10.259	+ 12
754	δ Pavonis	3.64	G 5	20 3 3.307	+5.8896	+1973	—66 19 56.43	+ 9.115	—1141
756	ϑ Aquilae	3.37	A 0	20 8 18.731	+3.0950	+ 22	— 0 59 41.48	+10.653	+ 6
759	ϰ Cephei	4.40	B 9	20 10 52.682	—2.0124	+ 22	+77 32 15.69	+10.861	+ 28
757	31 o¹ Cygni	3.95	K 0 + B 8	20 11 48.230	+1.8886	— 3	+46 33 52.61	+10.909	+ 6
758	[33 Cygni]	4.32	A 3	20 12 2.987	+1.3945	+ 72	+56 23 22.83	+11.004	+ 83

Nr. 732. Größe und Spektrum beziehen sich auf die hellere Komponente. Die entsprechenden Werte für die schwächere Komponente sind 5.36 und B 9. Nr. 746. Größe: Max. 3.7, Min. 4.5.

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.s0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		m		h m s	s		° ' "	"	
760	24 Vulpeculae	5.45	K 0	20 14 18.085	+2.5668	+ 9	+24 29 28.85	+11.072	− 14
761	α^2 Capricorni	3.77	G 5	20 14 50.252	+3.3282	+ 41	−12 43 33.68	+11.131	+ 6
762	[β Capricorni]	3.25	G 0 + A 0	20 17 45.235	+3.3703	+ 26	−14 57 57.47	+11.340	+ 3
763	[$\varkappa^1$ Sagittarii]	5.64	A 0	20 18 31.571	+4.0743	+ 32	−42 14 2.31	+11.305	− 88
765	γ Cygni	2.32	F 8 p	20 20 8.711	+2.1528	0	+40 4 12.38	+11.509	+ 1
764	α Pavonis	2.12	B 3	20 21 4.280	+4.7489	+ 11	−56 55 21.96	+11.493	− 82
766	†[ρ Capricorni]	4.96	F 0	20 25 33.223	+3.4215	− 12	−18 0 24.40	+11.873	− 20
767	ϑ Cephei	4.28	A 5	20 28 36.636	+1.0069	+ 60	+62 47 55.54	+12.095	− 11
768	ε Delphini	3.98	B 5	20 30 26.467	+2.8658	+ 4	+11 6 18.04	+12.217	− 17
770	73 Draconis	5.18	A 2 p	20 32 17.689	−0.7865	+ 10	+74 45 22.36	+12.348	− 11
769	α Indi	3.21	K 0	20 33 29.741	+4.2209	+ 50	−47 29 43.02	+12.517	+ 72
771	†β Delphini *m*	3.72	F 5	20 34 49.696	+2.8129	+ 73	+14 23 32.21	+12.506	− 30
772	[κ Delphini]	5.23	G 5	20 36 18.679	+2.9134	+ 210	+ 9 52 50.56	+12.657	+ 21
773	υ Capricorni	5.33	M 0	20 36 44.991	+3.4150	− 15	−18 20 39.12	+12.649	− 18
774	α Delphini	3.86	B 8	20 36 56.576	+2.7862	+ 41	+15 42 22.83	+12.680	+ 1
777	α Cygni	1.33	A 2 p	20 39 27.186	+2.0449	0	+45 4 20.19	+12.853	+ 5
775	β Pavonis	3.60	A 5	20 39 45.398	+5.4127	− 64	−66 24 48.59	+12.888	+ 18
776	[η Indi]	4.70	F 0	20 39 47.432	+4.4074	+ 172	−52 7 47.22	+12.818	− 54
778	[δ Delphini]	4.53	A 5	20 40 45.003	+2.8006	− 16	+14 51 55.49	+12.895	− 40
779	[ψ Capricorni]	4.26	F 8	20 42 39.870	+3.5521	− 40	−25 28 50.50	+12.908	− 155
780	ε Cygni	2.64	K 0	20 43 51.754	+2.4272	+ 283	+33 45 7.42	+13.471	+ 329
782	[6 H. Cephei]	4.63	G 0	20 43 54.721	+1.4888	− 87	+57 22 15.71	+12.911	− 234
783	η Cephei	3.59	K 0	20 44 6.738	+1.2207	+ 130	+61 36 47.06	+13.979	+ 822
781	ε Aquarii	3.83	A 0	20 44 32.235	+3.2473	+ 20	− 9 42 33.54	+13.156	− 31
784	†λ Cygni *m*	4.47	B 5	20 45 8.841	+2.3365	+ 3	+36 16 36.10	+13.223	− 3
785	β Indi	3.72	K 0	20 50 17.536	+4.6918	+ 23	−58 40 28.50	+13.543	− 19
786	32 Vulpeculae	5.24	K 5	20 52 5.174	+2.5567	− 6	+27 50 9.85	+13.678	+ 2
788	ν Cygni	4.04	A 0	20 55 0.525	+2.2362	+ 5	+40 56 35.09	+13.852	− 9
789	[11 Aquarii]	6.26	G 0	20 57 30.599	+3.1585	+ 26	− 4 57 19.49	+13.888	− 132
787	[α Octantis]	5.24	F 2	20 57 45.869	+7.2898	+ 30	−77 14 50.72	+13.674	− 362
790	ζ Microscopii	5.35	F 0	20 59 15.943	+3.8342	− 25	−38 51 33.32	+14.020	− 109
792	[ξ Cygni]	3.92	K 5	21 2 49.139	+2.1819	+ 4	+43 41 44.47	+14.352	+ 5
791	[*A* Capricorni]	4.60	M 0	21 3 44.316	+3.5090	− 21	−25 14 20.21	+14.360	− 43
793	61 Cygni *pr*	5.57	K 5	21 4 17.622	+2.6872	+3504	+38 27 47.62	+17.696	+3259
794	ν Aquarii	4.52	K 0	21 6 26.162	+3.2677	+ 61	−11 36 27.65	+14.554	− 12
795	Br 2777 Ceph	5.90	B 9	21 6 41.599	−1.1957	+ 60	+77 53 30.00	+14.615	+ 36
798	†[Grb 3415 *m*]	5.65	B 2	21 10 19.629	+1.5271	− 6	+59 44 50.96	+14.795	− 2
797	ζ Cygni	3.40	K 0	21 10 27.932	+2.5529	− 4	+29 59 17.38	+14.753	− 53
796	[23 G. Indi]	5.84	A 5	21 11 37.959	+4.2853	+ 18	−53 30 16.02	+14.864	− 11
799	†[τ Cygni]	3.82	F 0	21 12 28.407	+2.3945	+ 132	+37 47 49.34	+15.361	+ 437

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.ˢ0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
800	α Equulei	4.14	F 8 + A 3	21 12 55.447	+2.9987	+ 36	+ 5 0 25.36	+14.867	− 83
801	[ε Microscop.]	4.79	A 0	21 14 25.519	+3.6380	+ 39	−32 24 57.80	+15.016	− 21
802	[ϑ¹ Microscop.]	4.92	A 2 p	21 17 3.430	+3.8380	+ 56	−41 3 21.39	+15.188	− 1
803	α Cephei	2.60	A 5	21 17 11.719	+1.4318	+ 212	+62 20 21.72	+15.248	+ 52
804	ι Pegasi	4.24	K 0	21 19 24.152	+2.7743	+ 72	+19 33 19.64	+15.389	+ 68
805	γ Pavonis	4.30	F 8	21 21 40.486	+4.9675	+ 154	−65 37 48.77	+16.248	+ 799
806	ζ Capricorni	3.86	G 5 p	21 23 21.536	+3.4255	+ 1	−22 39 49.06	+15.569	+ 27
807	[71 Cygni]	5.34	K 0	21 27 18.374	+2.2136	+ 42	+46 17 2.97	+15.866	+ 108
809	β Cephei	3.32	B 1	21 27 55.150	+0.7756	+ 21	+70 18 21.45	+15.804	+ 13
808	β Aquarii	3.07	G 0	21 28 30.385	+3.1580	+ 12	− 5 49 38.30	+15.818	− 4
811	74 Cygni	5.09	A 5	21 34 37.270	+2.4044	− 7	+40 9 8.30	+16.164	+ 19
810	ν Octantis	3.74	K 0	21 35 6.468	+6.6962	+ 185	−77 38 57.85	+15.931	− 240
812	[γ Capricorni]	3.80	F 0 p	21 36 52.782	+3.3239	+ 131	−16 55 31.13	+16.240	− 22
813	[13 H. Cephei]	5.64	O e 5	21 37 9.504	+1.8611	− 7	+57 13 34.39	+16.276	0
817	[11 Cephei]	4.85	K 0	21 41 4.696	+0.8800	+ 235	+71 2 39.13	+16.578	+ 105
815	ε Pegasi	2.54	K 0	21 41 20.184	+2.9462	+ 18	+ 9 36 29.65	+16.491	+ 5
814	[ι Pisc. austr.]	4.35	A 0	21 41 29.837	+3.5744	+ 29	−33 17 29.18	+16.404	− 91
816	†[κ Pegasi *m*]	4.27	F 5	21 42 0.980	+2.7165	+ 23	+25 22 39.63	+16.535	+ 15
818	[λ Capricorni]	5.43	A 0	21 43 24.852	+3.2292	+ 17	−11 38 3.55	+16.585	− 4
819	δ Capricorni	2.98	A 5	21 43 50.502	+3.3112	+ 181	−16 23 29.07	+16.317	− 293
821	π² Cygni	4.26	B 3	21 44 38.840	+2.2162	+ 2	+49 2 26.03	+16.651	+ 2
820	[ο Indi]	5.50	K 2	21 45 54.893	+5.0845	− 44	−69 54 2.39	+16.709	− 3
823	16 Pegasi	5.05	B 3	21 50 25.236	+2.7296	+ 2	+25 39 5.43	+16.928	+ 3
822	γ Gruis	3.16	B 8	21 50 25.372	+3.6335	+ 85	−37 38 18.69	+16.913	− 13
824	[δ Indi]	4.56	F 0	21 53 59.093	+4.0863	+ 63	−55 16 9.68	+17.087	− 3
826	[20 Pegasi]	5.66	F 2	21 58 15.708	+2.9224	+ 35	+12 50 29.03	+17.237	− 46
825	[ε Indi]	4.74	K 5	21 58 56.298	+4.5917	+4809	−57 1 31.56	+14.760	−2553
827	α Aquarii	3.19	G 0	22 2 48.298	+3.0810	+ 10	− 0 36 8.47	+17.477	− 4
830	20 Cephei	5.39	K 5	22 3 14.571	+1.8233	+ 21	+62 30 8.19	+17.562	+ 64
828	ι Aquarii	4.35	B 8	22 3 18.386	+3.2399	+ 26	−14 9 6.69	+17.449	− 53
831	[ι Pegasi]	3.96	F 5	22 4 18.485	+2.7925	+ 215	+25 3 40.12	+17.572	+ 28
829	α Gruis	2.16	B 5	22 4 35.203	+3.7826	+ 123	−47 14 33.79	+17.409	− 147
832	[μ Pisc. austr.]	4.62	A 2	22 5 0.288	+3.5011	+ 64	−33 16 20.78	+17.537	− 37
833	[27 Pegasi]	5.65	K 0	22 6 39.229	+2.6581	− 49	+32 53 18.07	+17.579	− 63
834	ϑ Pegasi	3.70	A 2	22 7 16.387	+3.0259	+ 181	+ 5 54 42.72	+17.705	+ 37
835	π Pegasi	4.38	F 5	22 7 24.483	+2.6642	− 13	+32 53 34.71	+17.657	− 17
837	24 Cephei	4.99	G 5	22 8 41.774	+1.1533	+ 63	+72 3 19.29	+17.740	+ 14
836	ζ Cephei	3.62	K 0	22 8 50.282	+2.0808	+ 14	+57 54 53.55	+17.740	+ 8
838	[λ Pisc. austr.]	5.40	B 9	22 11 1.755	+3.4010	+ 20	−28 3 18.85	+17.821	0
839	[ε Octantis]	5.11	M 3	22 13 38.982	+6.7657	+ 304	−80 43 47.31	+17.890	− 34

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.s0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		m		h m s	s		° ' "	"	
840	ϑ Aquarii	4.32	K o	22 13 46.441	+3.1656	+ 78	− 8 4 22.12	+17.911	− 19
841	α Tucanae	2.91	K 2	22 14 32.794	+4.1153	− 83	−60 32 58.25	+17.925	− 34
842	γ Aquarii	3.97	A o	22 18 39.635	+3.0984	+ 85	− 1 40 48.88	+18.129	+ 12
843	[31 Pegasi]	4.93	B 3 p	22 18 39.681	+2.9527	+ 2	+11 54 44.80	+18.134	+ 17
844	β Lacertae	4.58	K o	22 21 16.445	+2.3587	− 20	+51 56 16.61	+18.027	−185
845	[ν Gruis]	5.48	K o	22 25 15.611	+3.5174	+ 31	−39 25 33.20	+18.199	−156
846	[δ¹ Gruis]	4.02	G 5	22 25 48.640	+3.5872	+ 24	−43 47 33.23	+18.377	+ 2
847	*[δ Cephei]	var.	verän.	22 27 0.703	+2.2265	+ 11	+58 7 4.24	+18.419	+ 3
848	α Lacertae	3.85	A o	22 28 53.789	+2.4710	+ 139	+49 59 1.89	+18.503	+ 22
849	[υ Aquarii]	5.29	F 5	22 31 31.423	+3.2818	+ 155	−21 0 21.48	+18.425	−143
850	η Aquarii	4.13	B 8	22 32 22.549	+3.0827	+ 60	− 0 25 1.17	+18.547	− 50
851	[31 Cephei]	5.22	F o	22 34 20.115	+1.4815	+ 390	+73 20 30.87	+18.690	+ 31
853	[30 Cephei]	5.21	A 2	22 36 35.210	+2.1270	− 12	+63 16 57.39	+18.711	− 20
852	10 Lacertae	4.91	O e 5	22 36 39.243	+2.6917	− 1	+38 44 52.44	+18.730	− 3
854	[ε Pisc. austr.]	4.22	B 8	22 37 27.087	+3.3187	+ 21	−27 20 47.90	+18.763	+ 6
855	ζ Pegasi	3.61	B 8	22 38 34.063	+2.9920	+ 53	+10 31 41.10	+18.785	− 7
856	β Gruis	2.24	M 3	22 39 12.766	+3.5842	+ 133	−47 11 18.54	+18.809	− 3
857	η Pegasi	3.10	G o	22 40 16.769	+2.8120	+ 9	+29 55 2.77	+18.821	− 22
858	[13 Lacertae]	5.24	K o	22 41 29.967	+2.6750	− 10	+41 30 52.11	+18.890	+ 11
859	λ Pegasi	4.14	K o	22 43 44.049	+2.8894	+ 39	+23 15 35.85	+18.939	− 6
860	ε Gruis	3.69	A 2	22 45 3.683	+3.6259	+ 111	−51 37 20.40	+18.923	− 59
861	[τ Aquarii]	4.21	K 5	22 46 31.342	+3.1763	− 10	−13 53 57.07	+18.992	− 31
862	[μ Pegasi]	3.67	K o	22 47 12.029	+2.8954	+ 106	+24 17 41.69	+19.005	− 36
863	ι Cephei	3.68	K o	22 47 36.510	+2.1342	− 113	+65 53 42.36	+18.934	−118
864	λ Aquarii	3.84	M o	22 49 35.344	+3.1296	+ 5	− 7 53 19.38	+19.145	+ 40
865	ρ Indi	6.14	M o	22 50 39.241	+4.1824	− 73	−70 23 2.73	+19.208	+ 74
866	δ Aquarii	3.51	A 2	22 51 34.436	+3.1839	− 29	−16 7 47.03	+19.137	− 20
867	α Pisc. austr.	1.29	A 3	22 54 27.009	+3.3159	+ 258	−29 55 48.29	+19.070	−159
868	[ζ Gruis]	4.18	G 5	22 57 27.974	+3.5445	− 74	−53 3 56.05	+19.298	− 4
869	o Androm.	3.63	B 5 + A 2 p	22 59 14.799	+2.7597	+ 18	+42 0 50.48	+19.345	+ 2
870	β Pegasi	2.61	M o	23 0 57.507	+2.9081	+ 141	+27 46 4.30	+19.526	+143
871	α Pegasi	2.57	A o	23 1 52.156	+2.9882	+ 42	+14 53 34.20	+19.366	− 36
872	†ϑ Gruis	4.35	F 5	23 3 37.138	+3.3814	− 40	−43 50 2.45	+19.424	− 16
874	†π Cephei	4.56	G 5	23 6 2.708	+1.9062	+ 22	+75 4 25.87	+19.469	− 21
873	88 Aquarii	3.80	K o	23 6 21.391	+3.1989	+ 39	−21 29 15.12	+19.537	+ 40
875	Br 3077 Cass	5.65	K 2	23 10 28.753	+2.8870	+2522	+56 50 52.40	+19.877	+300
876	[25 G. Tucanae]	5.69	G o	23 13 29.384	+3.6113	+ 252	−62 19 3.64	+19.608	− 24
877	γ Tucanae	4.10	F 2	23 14 3.429	+3.5041	− 38	−58 33 14.11	+19.736	+ 94
878	[γ Piscium]	3.85	K o	23 14 9.450	+3.1100	+ 506	+ 2 57 54.41	+19.668	+ 24
879	γ Sculptoris	4.51	K o	23 15 41.786	+3.2405	+ 17	−32 50 53.53	+19.610	− 60

Nr. 847. Größe: Max. 3.7, Min. 4.6; Spektrum wechselt von F 5 bis G o.

Mittlere Sternörter 1942.0

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.s0001	Dekl. 1942.0	Jährl. Veränderung	Jährl. Eigenbew. in 0.″001
		m		h m s	s		° ′ ″	″	
880	τ Pegasi	4.65	A 5	23 17 45.746	+2.9692	+ 21	+23 25 21.54	+19.702	− 2
882	4 Cassiopeiae	5.20	K 5	23 22 15.003	+2.6626	+ 7	+61 57 51.24	+19.767	− 6
881	[υ Pegasi]	4.57	G 0	23 22 28.836	+2.9941	+137	+23 5 4.56	+19.817	+ 42
883	[ο Gruis]	5.54	F 0	23 23 22.331	+3.3581	+ 25	−53 2 34.32	+19.921	+133
884	ϰ Piscium	4.94	A 2 p	23 23 57.479	+3.0753	+ 56	+ 0 56 16.36	+19.706	− 90
885	70 Pegasi	4.67	K 0	23 26 13.132	+3.0340	+ 42	+12 26 25.70	+19.865	+ 39
886	[β Sculptoris]	4.46	B 9	23 29 51.950	+3.2178	+ 73	−38 8 21.41	+19.891	+ 21
887	†[72 Pegasi *m*]	5.21	K 2	23 31 4.219	+2.9759	+ 38	+31 0 18.20	+19.872	− 12
888	[248 G. Aquarii]	6.51	K 0	23 32 32.539	+3.0947	− 3	− 7 47 7.98	+19.925	+ 25
890	[λ Androm.]	4.00	K 0	23 34 43.023	+2.9354	+152	+46 8 37.79	+19.506	−416
889	[11 G. Phoenicis]	4.86	A 2	23 34 44.033	+3.2306	+ 64	−45 48 48.21	+19.917	− 5
891	ι Androm.	4.28	B 8	23 35 17.062	+2.9417	+ 23	+42 56 48.72	+19.929	+ 3
893	γ Cephei	3.42	K 0	23 36 56.781	+2.4565	−213	+77 18 31.07	+20.099	+157
892	ι Piscium	4.28	F 8	23 36 57.913	+3.0856	+249	+ 5 18 42.51	+19.510	−432
894	ω² Aquarii	4.62	A 0	23 39 42.917	+3.1110	+ 66	−14 51 56.73	+19.901	− 64
895	41 H. Cephei	5.02	A 0	23 45 7.297	+2.8657	+ 13	+67 29 4.27	+20.004	+ 3
896	δ Sculpt.	4.64	A 0	23 45 54.470	+3.1256	+ 81	−28 27 3.85	+19.906	−100
897	[268 G. Aquarii]	6.08	K 0	23 47 15.155	+3.0959	+ 92	−10 17 52.89	+20.091	+ 79
898	φ Pegasi	5.23	M 0	23 49 32.008	+3.0519	− 5	+18 47 53.40	+19.992	− 30
899	[ρ Cassiopeiae]	4.85	F 8 p	23 51 28.434	+2.9957	− 7	+57 10 36.31	+20.034	+ 5
900	[27 Piscium]	5.07	K 0	23 55 42.195	+3.0716	− 33	− 3 52 39.91	+19.974	− 66
901	[π Phoenicis]	5.14	K 0	23 55 55.882	+3.1101	+ 56	−53 4 11.20	+20.109	+ 69
902	ω Piscium	4.03	F 5	23 56 19.847	+3.0808	+101	+ 6 32 31.99	+19.932	−108
903	ε Tucanae	4.71	B 9	23 56 55.019	+3.1220	+ 89	−65 53 59.15	+20.023	− 19
904	[ϑ Octantis]	4.73	K 0	23 58 38.662	+3.0929	−151	−77 23 8.68	+19.883	−160

Von den Sternen, deren Namen eingeklammert sind, folgen keine Ephemeriden.
Ein † vor dem Namen eines Sternes deutet darauf hin, daß dieser Stern in Zukunft nicht mehr als Fundamentalstern gelten soll. Vgl. Astron. Nachr. Bd. 231, S. 309.

Nördliche Polsterne

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung 1942.5	Jährl. Eigenbew. in $0^s.001$	Dekl. 1942.0	Jährl. Veränderung 1942.5	Jährl. Eigenbew. in $0''.001$
		m		h m s	s		° ′ ″	″	
Na	43 H. Cephei	4.52	K 0	1 0 25.73	+ 8.074	+ 77	+85 56 49.60	+19.342	− 6
Nb	α Ursae min.	2.12	F 8	1 43 46.21	+36.542	+171	+88 59 20.34	+18.008	− 4
Nc	*Grb 750 Ceph	6.70	F 8	4 17 28.68	+18.068	+ 18	+85 23 54.48	+ 8.687	+ 29
Nd	51 H. Cephei	5.26	M 0	7 14 4.60	+28.378	− 48	+87 8 26.98	− 6.420	− 34
Ne	1 H. Dracon.	4.58	K 2	9 28 58.91	+ 8.593	− 7	+81 35 7.45	−15.868	− 18
Nf	30 H. Camel.	5.34	F 2	10 24 11.31	+ 7.352	− 44	+82 51 18.50	−18.294	+ 25
Ng	ε Ursae min.	4.40	G 5	16 51 50.14	− 6.168	+ 6	+82 8 8.81	− 5.874	+ 4
Nh	δ Ursae min.	4.44	A 0	17 50 53.92	−19.464	+ 12	+86 36 41.68	− 0.755	+ 55
Ni	λ Ursae min.	6.55	M 3	18 31 37.02	−76.568	−112	+89 2 45.00	+ 2.703	+ 2
Nk	76 Draconis	5.69	A 0	20 46 54.47	− 4.309	+ 14	+82 19 5.59	+13.366	+ 27

Nr. Nc. Größe aus Harvard 54 entnommen.

Südliche Polsterne

Nr.	Name	Größe	Spektrum	AR. 1942.0	Jährl. Veränderung 1942.5	Jährl. Eigenbew. in $0^s.001$	Dekl. 1942.0	Jährl. Veränderung 1942.5	Jährl. Eigenbew. in $0''.001$
		m		h m s	s		° ′ ″	″	
Sa	4 G. Octantis	5.63	K 0	1 40 32.79	− 3.471	+ 22	−85 3 48.10	+18.171	+ 25
Sb	ξ Mensae	5.85	K 0	5 5 23.93	− 6.860	− 3	−82 33 4.52	+ 4.746	+ 10
Sc	ζ Octantis	5.38	F 0	9 5 30.07	− 8.571	− 91	−85 26 2.42	−14.469	+ 36
Sd	ι Octantis	5.38	K 0	12 48 40.08	+ 6.224	+ 46	−84 48 32.19	−19.567	+ 24
Se	20 G. Octantis	6.52	A 2	14 57 33.81	+28.639	−177	−87 54 58.57	−14.376	− 68
Sf	26 G. Octantis	6.13	A 0	16 38 51.36	+22.303	+ 10	−86 16 1.03	− 6.934	0
Sg	χ Octantis	5.22	K 0	18 21 3.52	+35.514	− 73	−87 39 25.26	+ 1.734	−131
Sh	σ Octantis	5.48	F 0	20 4 29.72	+81.172	+133	−89 9 44.58	+10.407	− 4
Si	β Octantis	4.34	F 0	22 40 15.40	+ 6.165	− 23	−81 41 11.81	+18.853	+ 9
Sk	τ Octantis	5.56	K 0	23 20 10.06	+ 9.101	+ 27	−87 48 5.52	+19.754	+ 11

Tag	1) α Andromedae AR.		1) α Andromedae Dekl.		2) β Cassiopeiae AR.		2) β Cassiopeiae Dekl.		3) ε Phoenicis AR.		3) ε Phoenicis Dekl.		7) γ Pegasi AR.		7) γ Pegasi Dekl.	
1942	$0^h\ 5^m$		+28° 46′		$0^h\ 6^m$		+58° 49′		$0^h\ 6^m$		−46° 3′		$0^h\ 10^m$		+14° 51′	
Jan. 0	22.958	150	19.96	97	4.606	327	62.80	79	27.289	205	79.46	28	14.523	126	42.46	89
10	22.808	144	18.99	124	4.279	316	62.01	131	27.084	189	79.18	74	14.397	122	41.57	101
20	22.664	132	17.75	145	3.963	291	60.70	177	26.895	168	78.44	118	14.275	112	40.56	107
30	22.532	114	16.30	160	3.672	255	58.93	217	26.727	141	77.26	159	14.163	96	39.49	111
Febr. 9	22.418	89	14.70	169	3.417	206	56.76	247	26.586	109	75.67	195	14.067	76	38.38	109
19	22.329	58	13.01	169	3.211	146	54.29	269	26.477	72	73.72	228	13.991	50	37.29	101
März 1	22.271	22	11.32	163	3.065	77	51.60	278	26.405	29	71.44	254	13.941	18	36.28	88
11	22.249	20	9.69	149	2.988	2	48.82	276	26.376	17	68.90	277	13.923	18	35.40	69
21	22.269	65	8.20	127	2.986	78	46.06	263	26.393	66	66.13	293	13.941	58	34.71	46
31	22.334	112	6.93	99	3.064	158	43.43	240	26.459	117	63.20	303	13.999	100	34.25	20
Apr. 10	22.446	158	5.94	66	3.222	234	41.03	207	26.576	169	60.17	307	14.099	142	34.05	10
20	22.604	203	5.28	29	3.456	306	38.96	166	26.745	220	57.10	305	14.241	183	34.15	42
30	22.807	243	4.99	10	3.762	369	37.30	120	26.965	267	54.05	296	14.424	221	34.57	74
Mai 10	23.050	277	5.09	49	4.131	422	36.10	69	27.232	310	51.09	280	14.645	254	35.31	105
20	23.327	305	5.58	87	4.553	461	35.41	16	27.542	346	48.29	257	14.899	280	36.36	132
30	23.632	323	6.45	124	5.014	487	35.25	36	27.888	374	45.72	228	15.179	299	37.68	158
Juni 9	23.955	334	7.69	156	5.501	500	35.61	88	28.262	392	43.44	194	15.478	310	39.26	179
19	24.289	334	9.25	185	6.001	498	36.49	137	28.654	400	41.50	155	15.788	313	41.05	194
29	24.623	327	11.10	208	6.499	484	37.86	183	29.054	398	39.95	112	16.101	308	42.99	205
Juli 9	24.950	310	13.18	226	6.983	458	39.69	223	29.452	384	38.83	65	16.409	294	45.04	211
19	25.260	287	15.44	238	7.441	419	41.92	258	29.836	361	38.18	18	16.703	273	47.15	211
29	25.547	256	17.82	245	7.860	372	44.50	288	30.197	327	38.00	30	16.976	246	49.26	205
Aug. 8	25.803	221	20.27	245	8.232	319	47.38	309	30.524	286	38.30	77	17.222	214	51.31	196
18	26.024	183	22.72	242	8.551	260	50.47	325	30.810	237	39.07	121	17.436	178	53.27	182
28	26.207	142	25.14	233	8.811	198	53.72	334	31.047	184	40.28	159	17.614	141	55.09	165
Sept. 7	26.349	101	27.47	219	9.009	133	57.06	336	31.231	127	41.87	191	17.755	102	56.74	146
17	[23] 26.450	60	29.66	202	[23] 9.142	69	60.42	330	[23] 31.358	70	43.78	216	[24] 17.857	65	58.20	125
26	26.510	23	31.68	182	9.211	8	63.72	319	31.428	14	45.94	232	17.922	30	59.45	103
Okt. 6	26.533	13	33.50	159	9.219	53	66.91	301	31.442	38	48.26	239	17.952	3	60.48	80
16	26.520	45	35.09	133	9.166	109	69.92	276	31.404	85	50.65	236	17.949	32	61.28	57
26	26.475	72	36.42	106	9.057	160	72.68	244	31.319	126	53.01	222	17.917	58	61.85	34
Nov. 5	26.403	95	37.48	77	8.897	206	75.12	207	31.193	159	55.23	200	17.859	78	62.19	13
15	26.308	115	38.25	46	8.691	247	77.19	165	31.034	185	57.23	170	17.781	95	62.32	7
25	26.193	130	38.71	14	8.444	280	78.84	116	30.849	201	58.93	134	17.686	108	62.25	28
Dez. 5	26.063	142	38.85	18	8.164	306	80.00	64	30.648	211	60.27	92	17.578	119	61.97	47
15	25.921	148	38.67	49	7.858	323	80.64	10	30.437	213	61.19	47	17.459	124	61.50	64
25	25.773	151	38.18	80	7.535	329	80.74	44	30.224	208	61.66	1	17.335	126	60.86	80
35	25.622		37.38		7.206		80.30		30.016		61.67		17.209		60.06	
Mittl. Ort	23.034		13.09		4.113		47.87		28.419		62.21		14.732		40.44	
sec δ, tg δ	1.141		+0.549		1.932		+1.653		1.441		−1.038		1.035		+0.265	
a, *a′*	+3.1		+20.0		+3.1		+20.0		+3.0		+20.0		+3.1		+20.0	
b, *b′*	+0.04		−0.02		+0.11		−0.03		−0.07		−0.03		+0.02		−0.04	

Tag	9) ι Ceti AR.	Δ	9) ι Ceti Dekl.	Δ	10) ζ Tucanae AR.	Δ	10) ζ Tucanae Dekl.	Δ
1942	0^h 16^m		−9° 8′		0^h 16^m		−65° 12′	
	s		″		s		″	
Jan. 0	27.895	121	49.63	61	61.89	40	76.86	72
10	27.774	116	50.24	47	61.49	38	76.14	128
20	27.658	106	50.71	30	61.11	34	74.86	181
30	27.552	93	51.01	11	60.77	29	73.05	228
Febr. 9	27.459	73	51.12	9	60.48	23	70.77	268
19	27.386	49	51.03	30	60.25	17	68.09	302
März 1	27.337	20	50.73	52	60.08	10	65.07	329
11	27.317	14	50.21	76	59.98	2	61.78	348
21	27.331	50	49.45	100	59.96	5	58.30	359
31	27.381	91	48.45	124	60.01	14	54.71	363
Apr. 10	27.472	130	47.21	145	60.15	22	51.08	359
20	27.602	171	45.76	165	60.37	30	47.49	348
30	27.773	208	44.11	183	60.67	37	44.01	328
Mai 10	27.981	241	42.28	196	61.04	44	40.73	302
20	28.222	269	40.32	204	61.48	50	37.71	268
30	28.491	290	38.28	208	61.98	55	35.03	229
Juni 9	28.781	303	36.20	207	62.53	59	32.74	184
19	29.084	309	34.13	199	63.12	60	30.90	134
29	29.393	305	32.14	187	63.72	60	29.56	81
Juli 9	29.698	295	30.27	169	64.32	59	28.75	26
19	29.993	277	28.58	148	64.91	56	28.49	30
29	30.270	252	27.10	122	65.47	52	28.79	84
Aug. 8	30.522	220	25.88	95	65.99	45	29.63	135
18	30.742	186	24.93	65	66.44	38	30.98	182
28	30.928	149	24.28	36	66.82	30	32.80	222
Sept. 7	31.077	110	23.92	7	67.12	22	35.02	255
17	31.187	72	23.85	19	67.34	11	37.57	278
26*)	[25] 31.259	35	24.04	43	[26] 67.45	2	40.35	290
Okt. 6	31.294	2	24.47	62	67.47	7	43.25	290
16	31.296	28	25.09	78	67.40	16	46.15	279
26	31.268	54	25.87	88	67.24	23	48.94	258
Nov. 5	31.214	75	26.75	95	67.01	30	51.52	225
15	31.139	92	27.70	98	66.71	35	53.77	183
25	31.047	105	28.68	94	66.36	38	55.60	133
Dez. 5	30.942	114	29.62	88	65.98	41	56.93	79
15	30.828	119	30.50	80	65.57	42	57.72	22
25	30.709	120	31.30	68	65.15	41	57.94	38
35	30.589		31.98		64.74		57.56	
Mittl. Ort	28.332		42.92		63.74		55.66	
sec δ, tg δ	1.013		−0.161		2.386		−2.166	
a, a'	+3.1		+20.0		+2.9		+20.0	
b, b'	−0.01		−0.07		−0.14		−0.07	

Tag	11) β Hydri AR.	Δ	11) β Hydri Dekl.	Δ	12) α Phoenicis AR.	Δ	12) α Phoenicis Dekl.	Δ
1942	0^h 22^m		−77° 34′		0^h 23^m		−42° 36′	
	s		″		s		″	
Jan. 0	40.74	88	73.20	96	24.414	194	91.78	3
10	39.86	83	72.24	155	24.220	186	91.75	47
20	39.03	76	70.69	208	24.034	169	91.28	91
30	38.27	65	68.61	256	23.865	148	90.37	131
Febr. 9	37.62	54	66.05	297	23.717	120	89.06	170
19	37.08	40	63.08	330	23.597	87	87.36	204
März 1	36.68	26	59.78	355	23.510	49	85.32	234
11	36.42	12	56.23	371	23.461	7	82.98	258
21	36.30	4	52.52	379	23.454	40	80.40	278
31	36.34	19	48.73	378	23.494	90	77.62	292
Apr. 10	36.53	35	44.95	369	23.584	140	74.70	300
20	36.88	49	41.26	353	23.724	190	71.70	302
30	37.37	64	37.73	329	23.914	238	68.68	297
Mai 10	38.01	77	34.44	297	24.152	280	65.71	285
20	38.78	87	31.47	259	24.432	318	62.86	267
30	39.65	97	28.88	215	24.750	348	60.19	243
Juni 9	40.62	103	26.73	166	25.098	368	57.76	212
19	41.65	108	25.07	112	25.466	379	55.64	176
29	42.73	109	23.95	56	25.845	381	53.88	135
Juli 9	43.82	107	23.39	1	26.226	372	52.53	91
19	44.89	103	23.40	59	26.598	352	51.62	44
29	45.92	95	23.99	114	26.950	324	51.18	3
Aug. 8	46.87	84	25.13	165	27.274	287	51.21	51
18	47.71	71	26.78	213	27.561	244	51.72	96
28	48.42	57	28.91	254	27.805	195	52.68	136
Sept. 7	48.99	39	31.45	284	28.000	144	54.04	172
17	49.38	20	34.29	304	28.144	91	55.76	200
26*)	[27] 49.58	2	37.33	312	[27] 28.235	38	57.76	220
Okt. 6	49.60	16	40.45	309	28.273	11	59.96	231
16	49.44	34	43.54	294	28.262	57	62.27	232
26	49.10	50	46.48	267	28.205	96	64.59	225
Nov. 5	48.60	64	49.15	228	28.109	130	66.84	208
15	47.96	75	51.43	182	27.979	157	68.92	182
25	47.21	84	53.25	127	27.822	176	70.74	149
Dez. 5	46.37	89	54.52	67	27.646	190	72.23	111
15	45.48	90	55.19	5	27.456	195	73.34	70
25	44.58	90	55.24	58	27.261	196	74.04	25
35	43.68		54.66		27.065		74.29	
Mittl. Ort	44.17		50.60		25.310		74.55	
sec δ, tg δ	4.650		−4.541		1.359		−0.920	
a, a'	+2.5		+19.9		+2.9		+19.9	
b, b'	−0.30		−0.10		−0.06		−0.10	

*) Bei Stern 11) und 12) lies Sept. 27.

Scheinbare Sternörter 1942

Tag	13) 12 Ceti AR.		13) 12 Ceti Dekl.		17) ζ Cassiopeiae AR.		17) ζ Cassiopeiae Dekl.	
1942	$0^h\ 27^m$		$-4°\ 16'$		$0^h\ 33^m$		$+53°\ 34'$	
	s		″		s		″	
Jan. 0	4.350	121	44.51	69	44.173	275	53.65	52
10	4.229	118	45.20	59	43.898	274	53.13	101
20	4.111	111	45.79	47	43.624	262	52.12	146
30	4.000	100	46.26	33	43.362	239	50.66	184
Febr. 9	3.900	81	46.59	16	43.123	204	48.82	216
19	3.819	58	46.75	3	42.919	159	46.66	238
März 1	3.761	31	46.72	24	42.760	103	44.28	251
11	3.730	3	46.48	46	42.657	40	41.77	253
21	3.733	41	46.02	70	42.617	28	39.24	244
31	3.774	79	45.32	95	42.645	99	36.80	226
Apr. 10	3.853	121	44.37	118	42.744	169	34.54	197
20	3.974	161	43.19	141	42.913	237	32.57	162
30	4.135	199	41.78	162	43.150	298	30.95	121
Mai 10	4.334	234	40.16	179	43.448	351	29.74	75
20	4.568	262	38.37	191	43.799	393	28.99	26
30	4.830	285	36.46	199	44.192	425	28.73	23
Juni 9	5.115	299	34.47	203	44.617	444	28.96	71
19	5.414	306	32.44	201	45.061	451	29.67	118
29	5.720	305	30.43	193	45.512	445	30.85	161
Juli 9	6.025	295	28.50	181	45.957	429	32.46	199
19	6.320	278	26.69	163	46.386	403	34.45	233
29	6.598	255	25.06	142	46.789	367	36.78	262
Aug. 8	6.853	226	23.64	118	47.156	324	39.40	284
18	7.079	192	22.46	92	47.480	276	42.24	300
28	7.271	156	21.54	64	47.756	225	45.24	310
Sept. 7	7.427	119	20.90	36	47.981	171	48.34	313
17	7.546	83	20.54	10	48.152	115	51.47	311
27	[28] 7.629	46	20.44	13	[30] 48.267	62	54.58	301
Okt. 6	7.675	14	20.57	35	48.329	9	57.59	286
16	7.689	17	20.92	53	48.338	41	60.45	266
26	7.672	43	21.45	66	48.297	88	63.11	238
Nov. 5	7.629	65	22.11	75	48.209	132	65.49	206
15	7.564	82	22.86	82	48.077	171	67.55	168
25	7.482	98	23.68	84	47.906	205	69.23	125
Dez. 5	7.384	108	24.52	83	47.701	235	70.48	79
15	7.276	115	25.35	79	47.466	256	71.27	31
25	7.161	119	26.14	73	47.210	271	71.58	20
35	7.042		26.87		46.939		71.38	
Mittl. Ort	4.669		39.06		43.576		40.86	
sec δ, tg δ	1.003		−0.075		1.684		+1.355	
a, *a′*	+3.1		+19.9		+3.3		+19.8	
b, *b′*	0.00		− 0.12		+0.09		− 0.15	

Tag	18) π Andromedae AR.		18) π Andromedae Dekl.		20) δ Andromedae AR.		20) δ Andromedae Dekl.	
1942	$0^h\ 33^m$		$+33°\ 23'$		$0^h\ 36^m$		$+30°\ 32'$	
	s		″		s		″	
Jan. 0	46.724	166	68.46	75	13.329	157	44.19	75
10	46.558	166	67.71	105	13.172	159	43.44	102
20	46.392	160	66.66	132	13.013	152	42.42	127
30	46.232	145	65.34	153	12.861	139	41.15	145
Febr. 9	46.087	123	63.81	168	12.722	119	39.70	158
19	45.964	94	62.13	176	12.603	91	38.12	164
März 1	45.870	58	60.37	176	12.512	56	36.48	162
11	45.812	14	58.61	168	12.456	15	34.86	153
21	45.798	33	56.93	151	12.441	31	33.33	137
31	45.831	83	55.42	129	12.472	79	31.96	114
Apr. 10	45.914	133	54.13	99	12.551	128	30.82	84
20	46.047	183	53.14	65	12.679	176	29.98	51
30	46.230	229	52.49	27	12.855	221	29.47	14
Mai 10	46.459	268	52.22	12	13.076	261	29.33	23
20	46.727	302	52.34	52	13.337	293	29.56	61
30	47.029	326	52.86	90	13.630	318	30.17	97
Juni 9	47.355	342	53.76	126	13.948	334	31.14	132
19	47.697	348	55.02	159	14.282	340	32.46	162
29	48.045	345	56.61	187	14.622	339	34.08	188
Juli 9	48.390	333	58.48	210	14.961	327	35.96	208
19	48.723	313	60.58	228	15.288	308	38.04	223
29	49.036	286	62.86	240	15.596	282	40.27	234
Aug. 8	49.322	254	65.26	247	15.878	251	42.61	238
18	49.576	218	67.73	248	16.129	216	44.99	238
28	49.794	178	70.21	245	16.345	177	47.37	233
Sept. 7	49.972	137	72.66	237	16.522	138	49.70	223
17	50.109	96	75.03	224	16.660	98	51.93	209
27	[30] 50.205	57	77.27	208	[30] 16.758	60	54.02	192
Okt. 6	50.262	19	79.35	188	16.818	24	55.94	172
16	50.281	15	81.23	165	16.842	11	57.66	149
26	50.266	47	82.88	139	16.831	41	59.15	125
Nov. 5	50.219	75	84.27	111	16.790	68	60.40	97
15	50.144	100	85.38	81	16.722	93	61.37	69
25	50.044	122	86.19	48	16.629	114	62.06	38
Dez. 5	49.922	140	86.67	15	16.515	131	62.44	7
15	49.782	154	86.82	20	16.384	145	62.51	24
25	49.628	163	86.62	53	16.239	154	62.27	56
35	49.465		86.09		16.085		61.71	
Mittl. Ort	46.551		61.20		13.183		37.92	
sec δ, tg δ	1.198		+0.659		1.161		+0.590	
a, *a′*	+3.2		+19.8		+3.2		+19.8	
b, *b′*	+0.04		− 0.15		+0.04		− 0.16	

Tag	21) α Cassiopeiae				22) β Ceti			
	AR.		Dekl.		AR.		Dekl.	
1942	$0^h\ 37^m$		+56° 12′		$0^h\ 40^m$		−18° 17′	
	s		″		s		″	
Jan. 0	12.777	300	83.89	44	40.334	134	87.54	55
10	12.477	300	83.45	95	40.200	132	88.09	31
20	12.177	288	82.50	141	40.068	125	88.40	4
30	11.889	264	81.09	183	39.943	114	88.44	22
Febr. 9	11.625	227	79.26	217	39.829	98	88.22	50
19	11.398	178	77.09	242	39.731	75	87.72	77
März 1	11.220	119	74.67	256	39.656	47	86.95	103
11	11.101	52	72.11	260	39.609	13	85.92	129
21	11.049	21	69.51	254	39.596	24	84.63	153
31	11.070	97	66.97	237	39.620	65	83.10	175
Apr. 10	11.167	172	64.60	210	39.685	108	81.35	195
20	11.339	244	62.50	176	39.793	150	79.40	212
30	11.583	310	60.74	134	39.943	190	77.28	224
Mai 10	11.893	366	59.40	88	40.133	228	75.04	231
20	12.259	412	58.52	40	40.361	260	72.73	234
30	12.671	446	58.12	10	40.621	285	70.39	230
Juni 9	13.117	468	58.22	60	40.906	304	68.09	221
19	13.585	475	58.82	108	41.210	314	65.88	206
29	14.060	470	59.90	152	41.524	316	63.82	185
Juli 9	14.530	454	61.42	193	41.840	310	61.97	160
19	14.984	427	63.35	229	42.150	295	60.37	130
29	15.411	391	65.64	260	42.445	274	59.07	98
Aug. 8	15.802	346	68.24	284	42.719	245	58.09	63
18	16.148	296	71.08	302	42.964	212	57.46	27
28	16.444	242	74.10	314	43.176	176	57.19	8
Sept. 7	16.686	185	77.24	319	43.352	138	57.27	42
17	16.871	127	80.43	319	43.490	98	57.69	71
27	[1]16.998	70	83.62	311	[2]43.588	60	58.40	96
Okt. 6	17.068	13	86.73	297	43.648	24	59.36	117
16	17.081	41	89.70	278	43.672	10	60.53	131
26	17.040	92	92.48	251	43.662	39	61.84	138
Nov. 5	16.948	139	94.99	219	43.623	64	63.22	140
15	16.809	183	97.18	182	43.559	85	64.62	135
25	16.626	221	99.00	139	43.474	103	65.97	125
Dez. 5	16.405	253	100.39	91	43.371	116	67.22	109
15	16.152	279	101.30	41	43.255	125	68.31	91
25	15.873	295	101.71	10	43.130	130	69.22	69
35	15.578		101.61		43.000		69.91	
Mittl. Ort	12.062		70.65		40.726		76.71	
sec δ, tg δ	1.798		+1.495		1.053		−0.331	
a, *a′*	+3.4		+19.8		+3.0		+19.7	
b, *b′*	+0.10		− 0.16		−0.02		− 0.18	

Tag	25) ο Cassiopeiae				24) 21 Cassiopeiae			
	AR.		Dekl.		AR.		Dekl.	
1942	$0^h\ 41^m$		+47° 57′		$0^h\ 41^m$		+74° 40′	
	s		″		s		″	
Jan. 0	29.411	231	73.43	51	48.87	74	33.39	3
10	29.180	234	72.92	96	48.13	74	33.36	64
20	28.946	226	71.96	137	47.39	71	32.72	123
30	28.720	208	70.59	171	46.68	65	31.49	176
Febr. 9	28.512	181	68.88	200	46.03	57	29.73	223
19	28.331	142	66.88	219	45.46	45	27.50	260
März 1	28.189	95	64.69	229	45.01	33	24.90	287
11	28.094	41	62.40	230	44.68	18	22.03	301
21	28.053	19	60.10	221	44.50	2	19.02	304
31	28.072	82	57.89	203	44.48	13	15.98	294
Apr. 10	28.154	145	55.86	175	44.61	29	13.04	273
20	28.299	207	54.11	141	44.90	44	10.31	242
30	28.506	263	52.70	101	45.34	56	7.89	204
Mai 10	28.769	312	51.69	58	45.90	68	5.85	157
20	29.081	352	51.11	13	46.58	77	4.28	106
30	29.433	383	50.98	34	47.35	83	3.22	53
Juni 9	29.816	403	51.32	79	48.18	88	2.69	2
19	30.219	411	52.11	122	49.06	90	2.71	57
29	30.630	408	53.33	162	49.96	88	3.28	111
Juli 9	31.038	395	54.95	197	50.84	86	4.39	160
19	31.433	373	56.92	227	51.70	81	5.99	207
29	31.806	343	59.19	252	52.51	74	8.06	248
Aug. 8	32.149	305	61.71	271	53.25	66	10.54	284
18	32.454	263	64.42	284	53.91	57	13.38	313
28	32.717	217	67.26	291	54.48	46	16.51	336
Sept. 7	32.934	169	70.17	292	54.94	35	19.87	353
17	33.103	120	73.09	288	55.29	23	23.40	362
27	[2]33.223	73	75.97	278	[2]55.52	11	27.02	363
Okt. 6	33.296	26	78.75	262	55.63	1	30.65	357
16	33.322	19	81.37	241	55.62	13	34.22	342
26	33.303	60	83.78	216	55.49	24	37.64	320
Nov. 5	33.243	99	85.94	185	55.25	36	40.84	290
15	33.144	133	87.79	150	54.89	46	43.74	253
25	33.011	165	89.29	111	54.43	55	46.27	207
Dez. 5	32.846	192	90.40	69	53.88	63	48.34	155
15	32.654	212	91.09	24	53.25	70	49.89	98
25	32.442	226	91.33	22	52.55	73	50.87	38
35	32.216		91.11		51.82		51.25	
Mittl. Ort	28.903		62.33		46.73		17.21	
sec δ, tg δ	1.493		+1.109		3.783		+3.648	
a, *a′*	+3.3		+19.7		+4.0		+19.7	
b, *b′*	+0.07		− 0.18		+0.24		− 0.18	

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Tag	27) ζ Andromedae AR.		27) ζ Andromedae Dekl.		32) γ Cassiopeiae AR.		32) γ Cassiopeiae Dekl.		33) μ Andromedae AR.		33) μ Andromedae Dekl.		35) α Sculptoris AR.		35) α Sculptoris Dekl.	
1942	0^h 44^m		+23° 56′		0^h 53^m		+60° 23′		0^h 53^m		+38° 10′		0^h 55^m		−29° 39′	
Jan. 0	15.626	143	71.06	73	12.38	35	84.79	17	31.900	182	74.65	53	48.321	159	88.86	49
10	15.483	146	70.33	94	12.03	35	84.62	70	31.718	187	74.12	89	48.162	158	89.35	12
20	15.337	141	69.39	111	11.68	34	83.92	121	31.531	183	73.23	120	48.004	153	89.47	24
30	15.196	131	68.28	124	11.34	32	82.71	167	31.348	172	72.03	147	47.851	142	89.23	60
Febr. 9	15.065	114	67.04	132	11.02	29	81.04	207	31.176	152	70.56	168	47.709	125	88.63	95
19	14.951	89	65.72	133	10.73	23	78.97	237	31.024	124	68.88	182	47.584	102	87.68	129
März 1	14.862	58	64.39	129	10.50	17	76.60	257	30.900	86	67.06	188	47.482	72	86.39	160
11	14.804	21	63.10	117	10.33	9	74.03	267	30.814	42	65.18	186	47.410	38	84.79	189
21	14.783	22	61.93	100	10.24	1	71.36	266	30.772	9	63.32	175	47.372	2	82.90	213
31	14.805	68	60.93	77	10.23	7	68.70	254	30.781	62	61.57	155	47.374	46	80.77	235
April 10	14.873	115	60.16	49	10.30	16	66.16	232	30.843	117	60.02	130	47.420	92	78.42	252
20	14.988	160	59.67	17	10.46	24	63.84	201	30.960	170	58.72	98	47.512	137	75.90	264
30	15.148	204	59.50	16	10.70	31	61.83	162	31.130	221	57.74	61	47.649	182	73.26	271
Mai 10	15.352	242	59.66	49	11.01	39	60.21	119	31.351	266	57.13	23	47.831	223	70.55	272
20	15.594	275	60.15	83	11.40	44	59.02	71	31.617	304	56.90	18	48.054	260	67.83	266
30	15.869	300	60.98	115	11.84	48	58.31	22	31.921	333	57.08	58	48.314	291	65.17	254
Juni 9	16.169	317	62.13	143	12.32	51	58.09	30	32.254	353	57.66	97	48.605	314	62.63	236
19	16.486	325	63.56	168	12.83	52	58.39	79	32.607	364	58.63	133	48.919	329	60.27	212
29	16.811	325	65.24	188	13.35	52	59.18	125	32.971	364	59.96	165	49.248	334	58.15	182
Juli 9	17.136	316	67.12	203	13.87	51	60.43	170	33.335	356	61.61	193	49.582	331	56.33	148
19	17.452	299	69.15	213	14.38	49	62.13	210	33.691	338	63.54	217	49.913	320	54.85	109
29	17.751	277	71.28	218	14.87	45	64.23	243	34.029	314	65.71	234	50.233	299	53.76	67
Aug. 8	18.028	247	73.46	217	15.32	40	66.66	273	34.343	283	68.05	246	50.532	273	53.09	25
18	18.275	214	75.63	212	15.72	35	69.39	296	34.626	247	70.51	253	50.805	240	52.84	19
28	18.489	179	77.75	202	16.07	30	72.35	312	34.873	208	73.04	255	51.045	202	53.03	59
Sept. 7	18.668	141	79.77	190	16.37	23	75.47	323	35.081	168	75.59	251	51.247	161	53.62	97
17	18.809	104	81.67	173	16.60	17	78.70	327	35.249	126	78.10	243	51.408	118	54.59	131
27	18.913	68	83.40	155	16.77	11	81.97	324	35.375	85	80.53	231	51.526	76	55.90	158
Okt. 6	18.981	33	84.95	134	16.88	5	85.21	314	35.460	45	82.84	214	51.602	36	57.48	178
16	19.014	1	86.29	113	16.93	2	88.35	299	35.505	8	84.98	194	51.638	2	59.26	190
26	19.015	29	87.42	89	16.91	8	91.34	275	35.513	28	86.92	170	51.636	38	61.16	194
Nov. 5	18.986	54	88.31	66	16.83	13	94.09	246	35.485	61	88.62	143	51.598	68	63.10	190
15	18.932	78	88.97	41	16.70	19	96.55	211	35.424	90	90.05	113	51.530	94	65.00	178
25	18.854	98	89.38	16	16.51	24	98.66	169	35.334	118	91.18	80	51.436	116	66.78	158
Dez. 5	18.756	116	89.54	9	16.27	28	100.35	122	35.216	141	91.98	45	51.320	133	68.36	133
15	18.640	129	89.45	34	15.99	31	101.57	72	35.075	160	92.43	7	51.187	146	69.69	103
25	18.511	139	89.11	58	15.68	34	102.29	19	34.915	175	92.50	29	51.041	154	70.72	70
35	18.372		88.53		15.34		102.48		34.740		92.21		50.887		71.42	
Mittl. Ort	15.521		67.28		11.34		71.36		31.515		66.76		48.745		73.88	
sec δ, tg δ	1.094		+0.444		2.025		+1.761		1.272		+0.786		1.151		−0.570	
a, *a′*	+3.2		+19.7		+3.6		+19.5		+3.3		+19.5		+2.9		+19.5	
b, *b′*	+0.03		− 0.19		+0.11		− 0.23		+0.05		− 0.23		−0.04		− 0.24	

Tag	36) ε Piscium AR.	Diff.	36) ε Piscium Dekl.	Diff.	38) β Phoenicis AR.	Diff.	38) β Phoenicis Dekl.	Diff.	42) β Andromedae AR.	Diff.	42) β Andromedae Dekl.	Diff.	45) υ Piscium AR.	Diff.	45) υ Piscium Dekl.	Diff.
1942	0h 59m		+7° 34′		1h 3m		−47° 1′		1h 6m		+35° 18′		1h 16m		+26° 57′	
Jan. 0	55.789	125	39.44	73	29.316	233	63.56	29	29.004	170	55.37	46	16.651	147	38.61	51
10	55.664	129	38.71	76	29.083	231	63.85	22	28.834	178	54.91	79	16.504	156	38.10	75
20	55.535	128	37.95	75	28.852	222	63.63	71	28.656	177	54.12	108	16.348	158	37.35	95
30	55.407	122	37.20	71	28.630	207	62.92	118	28.479	170	53.04	132	16.190	153	36.40	111
Febr. 9	55.285	108	36.49	65	28.423	184	61.74	162	28.309	153	51.72	152	16.037	141	35.29	124
19	55.177	89	35.84	55	28.239	154	60.12	202	28.156	128	50.20	166	15.896	121	34.05	131
März 1	55.088	63	35.29	41	28.085	117	58.10	237	28.028	95	48.54	172	15.775	91	32.74	132
11	55.025	30	34.88	24	27.968	73	55.73	267	27.933	53	46.82	169	15.684	55	31.42	126
21	54.995	8	34.64	3	27.895	25	53.06	292	27.880	5	45.13	159	15.629	12	30.16	114
31	55.003	48	34.61	21	27.870	28	50.14	309	27.875	46	43.54	141	15.617	34	29.02	95
Apr. 10	55.051	91	34.82	46	27.898	84	47.05	322	27.921	99	42.13	118	15.651	83	28.07	72
20	55.142	135	35.28	73	27.982	140	43.83	327	28.020	152	40.95	88	15.734	132	27.35	44
30	55.277	176	36.01	98	28.122	195	40.56	325	28.172	202	40.07	54	15.866	179	26.91	13
Mai 10	55.453	214	36.99	123	28.317	247	37.31	316	28.374	248	39.53	17	16.045	223	26.78	20
20	55.667	247	38.22	145	28.564	293	34.15	299	28.622	287	39.36	21	16.268	260	26.98	53
30	55.914	273	39.67	163	28.857	332	31.16	276	28.909	317	39.57	58	16.528	291	27.51	85
Juni 9	56.187	293	41.30	178	29.189	364	28.40	245	29.226	339	40.15	95	16.819	313	28.36	115
19	56.480	304	43.08	189	29.553	385	25.95	208	29.565	352	41.10	128	17.132	328	29.51	142
29	56.784	307	44.97	193	29.938	397	23.87	167	29.917	356	42.38	159	17.460	332	30.93	165
Juli 9	57.091	302	46.90	193	30.335	397	22.20	120	30.273	350	43.97	184	17.792	329	32.58	183
19	57.393	289	48.83	187	30.732	386	21.00	70	30.623	335	45.81	206	18.121	318	34.41	198
29	57.682	270	50.70	177	31.118	366	20.30	18	30.958	314	47.87	221	18.439	299	36.39	206
Aug. 8	57.952	246	52.47	163	31.484	336	20.12	33	31.272	286	50.08	232	18.738	275	38.45	210
18	58.198	217	54.10	145	31.820	298	20.45	84	31.558	253	52.40	238	19.013	246	40.55	209
28	58.415	184	55.55	125	32.118	252	21.29	132	31.811	217	54.78	238	19.259	212	42.64	205
Sept. 7	58.599	150	56.80	103	32.370	201	22.61	173	32.028	179	57.16	234	19.471	178	44.69	195
17	58.749	115	57.83	80	32.571	147	24.34	208	32.207	139	59.50	226	19.649	142	46.64	182
27	58.864	81	58.63	57	32.718	92	26.42	236	32.346	100	61.76	214	19.791	106	48.46	168
Okt. 6*)	6 58.945	48	59.20	35	32.810	38	28.78	253	32.446	62	63.90	198	19.897	71	50.14	151
16	58.993	18	59.55	15	7 32.848	15	31.31	261	8 32.508	26	65.88	179	11 19.968	38	51.65	131
26	59.011	10	59.70	3	32.833	63	33.92	258	32.534	9	67.67	157	20.006	6	52.96	110
Nov. 5	59.001	35	59.67	20	32.770	106	36.50	244	32.525	42	69.24	132	20.012	24	54.06	89
15	58.966	58	59.47	34	32.664	144	38.94	221	32.483	71	70.56	104	19.988	52	54.95	66
25	58.908	77	59.13	46	32.520	175	41.15	189	32.412	99	71.60	74	19.936	78	55.61	41
Dez. 5	58.831	94	58.67	55	32.345	199	43.04	150	32.313	124	72.34	43	19.858	101	56.02	16
15	58.737	109	58.12	63	32.146	216	44.54	106	32.189	145	72.77	9	19.757	121	56.18	9
25	58.628	118	57.49	69	31.930	226	45.60	58	32.044	161	72.86	24	19.636	137	56.09	34
35	58.510		56.80		31.704		46.18		31.883		72.62		19.499		55.75	
Mittl. Ort	55.787		41.99		29.927		43.79		28.587		48.91		16.312		35.21	
sec δ, tg δ	1.009		+0.133		1.467		−1.074		1.225		+0.708		1.122		+0.509	
a, a'	+3.1		+19.4		+2.7		+19.3		+3.3		+19.2		+3.3		+18.9	
b, b'	+0.01		− 0.26		−0.07		− 0.27		+0.05		− 0.29		+0.03		− 0.33	

*) Bei Stern 38), 42) und 45) lies Okt. 7.

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Tag	47) ϑ Ceti AR.		47) ϑ Ceti Dekl.		48) δ Cassiopeiae AR.		48) δ Cassiopeiae Dekl.	
1942	$1^h\ 21^m$		$-8°\ 28'$		$1^h\ 21^m$		$+59°\ 55'$	
Jan. 0	7.342	126	64.66	77	61.390	330	76.48	17
10	7.216	134	65.43	61	61.060	347	76.65	35
20	7.082	135	66.04	43	60.713	349	76.30	86
30	6.947	132	66.47	24	60.364	337	75.44	134
Febr. 9	6.815	122	66.71	2	60.027	310	74.10	177
19	6.693	105	66.73	20	59.717	267	72.33	211
März 1	6.588	81	66.53	43	59.450	210	70.22	237
11	6.507	52	66.10	67	59.240	141	67.85	252
21	6.455	16	65.43	92	59.099	64	65.33	258
31	6.439	24	64.51	115	59.035	20	62.75	252
Apr. 10	6.463	65	63.36	139	59.055	106	60.23	237
20	6.528	110	61.97	160	59.161	191	57.86	212
30	6.638	152	60.37	179	59.352	270	55.74	180
Mai 10	6.790	192	58.58	195	59.622	342	53.94	141
20	6.982	228	56.63	206	59.964	405	52.53	97
30	7.210	258	54.57	212	60.369	455	51.56	51
Juni 9	7.468	281	52.45	213	60.824	491	51.05	2
19	7.749	296	50.32	209	61.315	514	51.03	45
29	8.045	304	48.23	199	61.829	524	51.48	92
Juli 9	8.349	304	46.24	184	62.353	520	52.40	136
19	8.653	295	44.40	163	62.873	504	53.76	177
29	8.948	280	42.77	139	63.377	476	55.53	213
Aug. 8	9.228	259	41.38	111	63.853	440	57.66	244
18	9.487	233	40.27	80	64.293	395	60.10	270
28	9.720	202	39.47	49	64.688	345	62.80	290
Sept. 7	9.922	169	38.98	17	65.033	289	65.70	305
17	10.091	135	38.81	13	65.322	230	68.75	312
27	10.226	100	38.94	41	65.552	170	71.87	315
Okt. 7	[12] 10.326	67	39.35	64	[12] 65.722	108	75.02	310
16	10.393	35	39.99	84	65.830	46	78.12	300
26	10.428	5	40.83	98	65.876	15	81.12	282
Nov. 5	10.433	23	41.81	108	65.861	75	83.94	258
15	10.410	47	42.89	112	65.786	132	86.52	228
25	10.363	69	44.01	110	65.654	186	88.80	192
Dez. 5	10.294	89	45.11	106	65.468	237	90.72	149
15	10.205	105	46.17	96	65.231	280	92.21	102
25	10.100	118	47.13	84	64.951	314	93.23	52
35	9.982		47.97		64.637		93.75	
Mittl. Ort	7.377		55.68		60.090		64.55	
sec δ, tg δ	1.011		−0.149		1.996		+1.727	
a, a'	+3.0		+18.8		+3.9		+18.8	
b, b'	−0.01		−0.35		+0.11		−0.35	

Tag	50) η Piscium AR.		50) η Piscium Dekl.		51) 40 Cassiopeiae AR.		51) 40 Cassiopeiae Dekl.	
1942	$1^h\ 28^m$		$+15°\ 2'$		$1^h\ 33^m$		$+72°\ 44'$	
Jan. 0	22.758	128	49.66	61	52.79	62	56.85	64
10	22.630	138	49.05	71	52.17	65	57.49	4
20	22.492	142	48.34	78	51.52	65	57.53	55
30	22.350	140	47.56	83	50.87	63	56.98	112
Febr. 9	22.210	132	46.73	83	50.24	59	55.86	164
19	22.078	115	45.90	81	49.65	52	54.22	210
März 1	21.963	91	45.09	74	49.13	42	52.12	246
11	21.872	59	44.35	62	48.71	31	49.66	271
21	21.813	21	43.73	46	48.40	18	46.95	286
31	21.792	21	43.27	26	48.22	4	44.09	289
Apr. 10	21.813	66	43.01	3	48.18	11	41.20	281
20	21.879	111	42.98	23	48.29	25	38.39	262
30	21.990	156	43.21	51	48.54	38	35.77	234
Mai 10	22.146	198	43.72	77	48.92	50	33.43	198
20	22.344	235	44.49	103	49.42	60	31.45	155
30	22.579	266	45.52	127	50.02	69	29.90	108
Juni 9	22.845	289	46.79	147	50.71	75	28.82	58
19	23.134	304	48.26	164	51.46	80	28.24	6
29	23.438	312	49.90	177	52.26	82	28.18	45
Juli 9	23.750	311	51.67	185	53.08	82	28.63	95
19	24.061	303	53.52	187	53.90	80	29.58	143
29	24.364	288	55.39	184	54.70	77	31.01	188
Aug. 8	24.652	266	57.23	178	55.47	72	32.89	228
18	24.918	241	59.01	167	56.19	65	35.17	263
28	25.159	211	60.68	153	56.84	58	37.80	293
Sept. 7	25.370	179	62.21	137	57.42	49	40.73	317
17	25.549	146	63.58	118	57.91	39	43.90	334
27	25.695	113	64.76	98	58.30	30	47.24	344
Okt. 7	[14] 25.808	80	65.74	78	[15] 58.60	19	50.68	348
16	25.888	49	66.52	59	58.79	8	54.16	344
26	25.937	19	67.11	40	58.87	3	57.60	332
Nov. 5	25.956	8	67.51	21	58.84	13	60.92	313
15	25.948	35	67.72	5	58.71	24	64.05	285
25	25.913	59	67.77	11	58.47	34	66.90	249
Dez. 5	25.854	81	67.66	26	58.13	44	69.39	207
15	25.773	101	67.40	40	57.69	52	71.46	157
25	25.672	118	67.00	52	57.17	59	73.03	102
35	25.554		66.48		56.58		74.05	
Mittl. Ort	22.508		50.76		50.09		43.51	
sec δ, tg δ	1.036		+0.269		3.371		+3.220	
a, a'	+3.2		+18.6		+4.8		+18.4	
b, b'	+0.02		−0.38		+0.20		−0.40	

Tag	52) 51 Andromedae AR.		52) 51 Andromedae Dekl.		54) α Eridani AR.		54) α Eridani Dekl.	
1942	$1^h\ 34^m$		+48° 19′		$1^h\ 35^m$		−57° 31′	
Jan. 0	26.082	222	75.38	4	32.985	328	73.60	49
10	25.860	238	75.42	39	32.657	334	74.09	8
20	25.622	246	75.03	81	32.323	331	74.01	64
30	25.376	242	74.22	120	31.992	318	73.37	117
Febr. 9	25.134	226	73.02	153	31.674	294	72.20	168
19	24.908	199	71.49	180	31.380	261	70.52	213
März 1	24.709	161	69.69	200	31.119	218	68.39	254
11	24.548	112	67.69	210	30.901	166	65.85	289
21	24.436	55	65.59	212	30.735	108	62.96	316
31	24.381	8	63.47	205	30.627	44	59.80	337
Apr. 10	24.389	73	61.42	189	30.583	24	56.43	350
20	24.462	139	59.53	164	30.607	95	52.93	356
30	24.601	202	57.89	134	30.702	166	49.37	355
Mai 10	24.803	260	56.55	98	30.868	233	45.82	345
20	25.063	312	55.57	59	31.101	296	42.37	327
30	25.375	353	54.98	17	31.397	352	39.10	302
Juni 9	25.728	384	54.81	24	31.749	399	36.08	269
19	26.112	406	55.05	66	32.148	436	33.39	230
29	26.518	416	55.71	105	32.584	461	31.09	184
Juli 9	26.934	416	56.76	142	33.045	473	29.25	133
19	27.350	406	58.18	175	33.518	473	27.92	79
29	27.756	386	59.93	203	33.991	459	27.13	23
Aug. 8	28.142	360	61.96	226	34.450	432	26.90	35
18	28.502	326	64.22	245	34.882	394	27.25	91
28	28.828	288	66.67	258	35.276	346	28.16	144
Sept. 7	29.116	247	69.25	266	35.622	289	29.60	191
17	29.363	203	71.91	269	35.911	226	31.51	232
27	29.566	157	74.60	267	36.137	157	33.83	265
Okt. 7	29.723	112	77.27	259	36.294	87	36.48	287
16*)	[15] 29.835	67	79.86	247	[16] 36.381	17	39.35	297
26	29.902	21	82.33	230	36.398	50	42.32	297
Nov. 5	29.923	23	84.63	207	36.348	112	45.29	284
15	29.900	65	86.70	181	36.236	170	48.13	260
25	29.835	106	88.51	150	36.066	219	50.73	227
Dez. 5	29.729	144	90.01	114	35.847	260	53.00	184
15	29.585	178	91.15	74	35.587	293	54.84	135
25	29.407	207	91.89	33	35.294	315	56.19	82
35	29.200		92.22		34.979		57.01	
Mittl. Ort	25.170		66.68		33.409		51.01	
sec δ, tg δ	1.504		+1.124		1.863		−1.572	
a, *a′*	+3.7		+18.4		+2.2		+18.3	
b, *b′*	+0.07		− 0.40		−0.10		− 0.40	

Tag	55) 43 Cassiopeiae AR.		55) 43 Cassiopeiae Dekl.		57) φ Persei AR.		57) φ Persei Dekl.	
1942	$1^h\ 37^m$		+67° 44′		$1^h\ 39^m$		+50° 23′	
Jan. 0	62.90	46	74.92	57	61.683	233	59.64	15
10	62.44	49	75.49	0	61.450	252	59.79	29
20	61.95	49	75.49	57	61.198	260	59.50	73
30	61.46	49	74.92	111	60.938	258	58.77	114
Febr. 9	60.97	45	73.81	160	60.680	243	57.63	150
19	60.52	40	72.21	203	60.437	216	56.13	179
März 1	60.12	32	70.18	237	60.221	176	54.34	201
11	59.80	24	67.81	261	60.045	126	52.33	214
21	59.56	14	65.20	273	59.919	67	50.19	218
31	59.42	3	62.47	275	59.852	2	48.01	213
Apr. 10	59.39	9	59.72	266	59.850	66	45.88	198
20	59.48	19	57.06	248	59.916	135	43.90	176
30	59.67	30	54.58	219	60.051	200	42.14	147
Mai 10	59.97	40	52.39	183	60.251	262	40.67	111
20	60.37	49	50.56	142	60.513	317	39.56	72
30	60.86	55	49.14	96	60.830	360	38.84	31
Juni 9	61.41	61	48.18	47	61.190	395	38.53	12
19	62.02	64	47.71	3	61.585	418	38.65	54
29	62.66	66	47.74	53	62.003	429	39.19	94
Juli 9	63.32	67	48.27	100	62.432	431	40.13	132
19	63.99	65	49.27	146	62.863	422	41.45	167
29	64.64	62	50.73	188	63.285	403	43.12	197
Aug. 8	65.26	59	52.61	226	63.688	376	45.09	223
18	65.85	53	54.87	259	64.064	344	47.32	243
28	66.38	47	57.46	285	64.408	305	49.75	258
Sept. 7	66.85	41	60.31	306	64.713	263	52.33	269
17	67.26	33	63.37	322	64.976	218	55.02	273
27	67.59	25	66.59	331	65.194	171	57.75	273
Okt. 7	67.84	17	69.90	333	65.365	125	60.48	268
16*)	[16] 68.01	9	73.23	328	65.490	77	63.16	257
26	68.10	1	76.51	316	[17] 65.567	29	65.73	240
Nov. 5	68.11	8	79.67	296	65.596	18	68.13	220
15	68.03	16	82.63	269	65.578	62	70.33	194
25	67.87	24	85.32	235	65.516	107	72.27	162
Dez. 5	67.63	32	87.67	193	65.409	148	73.89	127
15	67.31	37	89.60	145	65.261	184	75.16	87
25	66.94	44	91.05	94	65.077	217	76.03	45
35	66.50		91.99		64.860		76.48	
Mittl. Ort	60.83		62.51		60.662		50.75	
sec δ, tg δ	2.641		+2.444		1.569		+1.209	
a, *a′*	+4.4		+18.2		+3.8		+18.2	
b, *b′*	+0.15		− 0.41		+0.07		− 0.42	

*) Bei Stern 57) lies Okt. 17.

Scheinbare Sternörter 1942

Tag	59) τ Ceti [1]				60) o Piscium				61) ε Sculptoris				62) ζ Ceti			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$1^h\ 41^m$		−16° 14′		$1^h\ 42^m$		+8° 51′		$1^h\ 42^m$		−25° 20′		$1^h\ 48^m$		−10° 36′	
Jan. 0	22.368 s	137	44.54 ″	81	19.880 s	121	55.95 ″	65	55.732 s	149	45.46 ″	87	35.868 s	125	85.64 ″	86
10	22.231	147	45.35	55	19.759	133	55.30	68	55.583	159	46.33	53	35.743	138	86.50	67
20	22.084	151	45.90	29	19.626	140	54.62	68	55.424	163	46.86	18	35.605	144	87.17	45
30	21.933	149	46.19	1	19.486	141	53.94	66	55.261	162	47.04	18	35.461	145	87.62	23
Febr. 9	21.784	142	46.20	27	19.345	135	53.28	61	55.099	154	46.86	53	35.316	139	87.85	0
19	21.642	126	45.93	55	19.210	120	52.67	53	54.945	137	46.33	88	35.177	126	87.85	25
März 1	21.516	104	45.38	84	19.090	99	52.14	42	54.808	115	45.45	120	35.051	106	87.60	49
11	21.412	75	44.54	111	18.991	69	51.72	28	54.693	84	44.25	152	34.945	78	87.11	75
21	21.337	40	43.43	138	18.922	34	51.44	10	54.609	48	42.73	180	34.867	44	86.36	100
31	21.297	1	42.05	162	18.888	6	51.34	11	54.561	8	40.93	206	34.823	5	85.36	125
Apr. 10	21.296	43	40.43	185	18.894	50	51.45	33	54.553	37	38.87	228	34.818	38	84.11	149
20	21.339	88	38.58	205	18.944	95	51.78	58	54.590	84	36.59	246	34.856	81	82.62	170
30	21.427	132	36.53	221	19.039	140	52.36	83	54.674	131	34.13	259	34.937	126	80.92	188
Mai 10	21.559	174	34.32	232	19.179	181	53.19	106	54.805	175	31.54	267	35.063	168	79.04	204
20	21.733	213	32.00	239	19.360	219	54.25	128	54.980	216	28.87	268	35.231	207	77.00	215
30	21.946	245	29.61	240	19.579	251	55.53	147	55.196	251	26.19	264	35.438	240	74.85	221
Juni 9	22.191	272	27.21	235	19.830	277	57.00	163	55.447	281	23.55	252	35.678	268	72.64	221
19	22.463	292	24.86	225	20.107	294	58.63	175	55.728	302	21.03	235	35.946	287	70.43	216
29	22.755	303	22.61	208	20.401	305	60.38	181	56.030	316	18.68	211	36.233	299	68.27	205
Juli 9	23.058	305	20.53	186	20.706	306	62.19	183	56.346	321	16.57	181	36.532	304	66.22	188
19	23.363	301	18.67	158	21.012	300	64.02	181	56.667	317	14.76	147	36.836	301	64.34	167
29	23.664	289	17.09	127	21.312	287	65.83	172	56.984	307	13.29	108	37.137	289	62.67	141
Aug. 8	23.953	270	15.82	92	21.599	269	67.55	160	57.291	288	12.21	66	37.426	273	61.26	111
18	24.223	245	14.90	56	21.868	246	69.15	144	57.579	263	11.55	23	37.699	250	60.15	78
28	24.468	216	14.34	18	22.114	218	70.59	125	57.842	233	11.32	19	37.949	223	59.37	44
Sept. 7	24.684	184	14.16	18	22.332	188	71.84	104	58.075	200	11.51	60	38.172	192	58.93	10
17	24.868	149	14.34	53	22.520	156	72.88	83	58.275	163	12.11	98	38.364	161	58.83	22
27	25.017	114	14.87	83	22.676	125	73.71	61	58.438	126	13.09	132	38.525	127	59.05	52
Okt. 7	25.131	80	15.70	110	22.801	93	74.32	39	58.564	88	14.41	159	38.652	94	59.57	78
17	25.211	46	16.80	129	22.894	62	74.71	19	58.652	51	16.00	178	38.746	62	60.35	99
	17				17				17				19			
26	25.257	14	18.09	143	22.956	33	74.90	1	58.703	16	17.78	190	38.808	31	61.34	115
Nov. 5	25.271	16	19.52	149	22.989	4	74.91	15	58.719	17	19.68	193	38.839	2	62.49	125
15	25.255	44	21.01	149	22.993	23	74.76	28	58.702	47	21.61	189	38.841	26	63.74	128
25	25.211	69	22.50	143	22.970	47	74.48	39	58.655	75	23.50	177	38.815	51	65.02	127
Dez. 5	25.142	91	23.93	131	22.923	70	74.09	49	58.580	100	25.27	158	38.764	75	66.29	121
15	25.051	110	25.24	114	22.853	91	73.60	55	58.480	121	26.85	133	38.689	96	67.50	109
25	24.941	127	26.38	94	22.762	110	73.05	61	58.359	138	28.18	105	38.593	114	68.59	94
35	24.814		27.32		22.652		72.44		58.221		29.23		38.479		69.53	
Mittl. Ort	22.364		32.20		19.624		59.73		55.771		30.40		35.755		75.06	
sec δ, tg δ	1.042		−0.291		1.012		+0.156		1.107		−0.474		1.017		−0.188	
a, *a′*	+2.9		+18.1		+3.2		+18.1		+2.8		+18.1		+3.0		+17.8	
b, *b′*	−0.02		− 0.43		+0.01		− 0.43		−0.03		− 0.43		−0.01		− 0.46	

[1]) Die jährliche Parallaxe (0.″315) ist bereits berücksichtigt.

Tag	64) α Trianguli AR.	64) α Trianguli Dekl.	63) ε Cassiopeiae AR.	63) ε Cassiopeiae Dekl.	65) ξ Piscium AR.	65) ξ Piscium Dekl.	67) ψ Phoenicis AR.	67) ψ Phoenicis Dekl.
1942	$1^h 49^m$	$+29° 17′$	$1^h 50^m$	$+63° 22′$	$1^h 50^m$	$+2° 53′$	$1^h 51^m$	$-46° 34′$
Jan. 0	$46^s.643$ 144	$52''.29$ 27	$13^s.61$ 36	$78''.89$ 60	$33^s.230$ 119	$61''.12$ 73	$19^s.205$ 233	$90''.63$ 83
10	46.499 160	52.02 51	13.25 39	79.49 7	33.111 132	60.39 68	18.972 244	91.46 32
20	46.339 170	51.51 74	12.86 41	79.56 47	32.979 139	59.71 62	18.728 247	91.78 20
30	46.169 171	50.77 94	12.45 40	79.09 98	32.840 142	59.09 53	18.481 244	91.58 69
Febr. 9	45.998 165	49.83 110	12.05 39	78.11 146	32.698 137	58.56 42	18.237 230	90.89 118
19	45.833 150	48.73 122	11.66 34	76.65 187	32.561 124	58.14 30	18.007 209	89.71 163
März 1	45.683 124	47.51 128	11.32 29	74.78 220	32.437 104	57.84 14	17.798 179	88.08 204
11	45.559 90	46.23 127	11.03 22	72.58 244	32.333 76	57.70 4	17.619 142	86.04 241
21	45.469 49	44.96 120	10.81 13	70.14 257	32.257 42	57.74 24	17.477 96	83.63 271
31	45.420 3	43.76 108	10.68 4	67.57 260	32.215 3	57.98 46	17.381 45	80.92 297
Apr. 10	45.417 47	42.68 90	10.64 5	64.97 252	32.212 40	58.44 69	17.336 10	77.95 316
20	45.464 99	41.78 66	10.69 15	62.45 234	32.252 84	59.13 92	17.346 67	74.79 329
30	45.563 150	41.12 38	10.84 24	60.11 209	32.336 129	60.05 115	17.413 126	71.50 334
Mai 10	45.713 197	40.74 9	11.08 33	58.02 175	32.465 171	61.20 136	17.539 182	68.16 332
20	45.910 240	40.65 22	11.41 40	56.27 136	32.636 209	62.56 154	17.721 234	64.84 322
30	46.150 276	40.87 54	11.81 47	54.91 93	32.845 242	64.10 170	17.955 282	61.62 306
Juni 9	46.426 303	41.41 84	12.28 52	53.98 46	33.087 269	65.80 181	18.237 322	58.56 280
19	46.729 324	42.25 111	12.80 55	53.52 1	33.356 287	67.61 187	18.559 353	55.76 249
29	47.053 335	43.36 137	13.35 57	53.53 48	33.643 299	69.48 189	18.912 375	53.27 211
Juli 9	47.388 338	44.73 157	13.92 58	54.01 94	33.942 303	71.37 185	19.287 386	51.16 166
19	47.726 332	46.30 174	14.50 57	54.95 138	34.245 298	73.22 176	19.673 387	49.50 118
29	48.058 319	48.04 187	15.07 55	56.33 177	34.543 287	74.98 163	20.060 379	48.32 65
Aug. 8	48.377 299	49.91 194	15.62 52	58.10 213	34.830 271	76.61 145	20.439 360	47.67 12
18	48.676 275	51.85 196	16.14 48	60.23 243	35.101 248	78.06 124	20.799 332	47.55 43
28	48.951 246	53.81 196	16.62 43	62.66 270	35.349 221	79.30 100	21.131 296	47.98 96
Sept. 7	49.197 215	55.77 190	17.05 37	65.36 290	35.570 193	80.30 75	21.427 253	48.94 144
17	49.412 181	57.67 182	17.42 32	68.26 304	35.763 162	81.05 50	21.680 206	50.38 188
27	49.593 146	59.49 171	17.74 25	71.30 313	35.925 131	81.55 25	21.886 156	52.26 224
Okt. 7	49.739 112	61.20 158	17.99 18	74.43 315	36.056 99	81.80 2	22.042 103	54.50 251
17	49.851 79	62.78 143	18.17 11	77.58 311	36.155 68	81.82 19	22.145 51	57.01 269
	19		19		19		20	
26	49.930 45	64.21 124	18.28 5	80.69 300	36.223 39	81.63 36	22.196 0	59.70 275
Nov. 5	49.975 12	65.45 105	18.33 3	83.69 282	36.262 11	81.27 51	22.196 48	62.45 271
15	49.987 20	66.50 85	18.30 10	86.51 257	36.273 17	80.76 61	22.148 92	65.16 256
25	49.967 50	67.35 63	18.20 17	89.08 226	36.256 42	80.15 68	22.056 132	67.72 231
Dez. 5	49.917 80	67.98 39	18.03 23	91.34 188	36.214 66	79.47 72	21.924 167	70.03 197
15	49.837 106	68.37 15	17.80 28	93.22 143	36.148 87	78.75 73	21.757 196	72.00 157
25	49.731 130	68.52 9	17.52 34	94.65 94	36.061 107	78.02 73	21.561 219	73.57 111
35	49.601	68.43	17.18	95.59	35.954	77.29	21.342	74.68
Mittl. Ort	46.076	49.70	11.82	67.91	32.987	67.23	19.335	69.90
sec δ, tg δ	1.147	+0.561	2.232	+1.996	1.001	+0.051	1.455	−1.057
a, *a′*	+3.4	+17.8	+4.3	+17.8	+3.1	+17.8	+2.4	+17.7
b, *b′*	+0.03	− 0.46	+0.12	− 0.46	0.00	− 0.46	−0.06	− 0.47

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Tag	59) τ Ceti [1])				60) ο Piscium			
	AR.		Dekl.		AR.		Dekl.	
1942	1h 41m		−16° 14′		1h 42m		+8° 51′	
	s		″		s		″	
Jan. 0	22.368	137	44.54	81	19.880	121	55.95	65
10	22.231	147	45.35	55	19.759	133	55.30	68
20	22.084	151	45.90	29	19.626	140	54.62	68
30	21.933	149	46.19	1	19.486	141	53.94	66
Febr. 9	21.784	142	46.20	27	19.345	135	53.28	61
19	21.642	126	45.93	55	19.210	120	52.67	53
März 1	21.516	104	45.38	84	19.090	99	52.14	42
11	21.412	75	44.54	111	18.991	69	51.72	28
21	21.337	40	43.43	138	18.922	34	51.44	10
31	21.297	1	42.05	162	18.888	6	51.34	11
Apr. 10	21.296	43	40.43	185	18.894	50	51.45	33
20	21.339	88	38.58	205	18.944	95	51.78	58
30	21.427	132	36.53	221	19.039	140	52.36	83
Mai 10	21.559	174	34.32	232	19.179	181	53.19	106
20	21.733	213	32.00	239	19.360	219	54.25	128
30	21.946	245	29.61	240	19.579	251	55.53	147
Juni 9	22.191	272	27.21	235	19.830	277	57.00	163
19	22.463	292	24.86	225	20.107	294	58.63	175
29	22.755	303	22.61	208	20.401	305	60.38	181
Juli 9	23.058	305	20.53	186	20.706	306	62.19	183
19	23.363	301	18.67	158	21.012	300	64.02	181
29	23.664	289	17.09	127	21.312	287	65.83	172
Aug. 8	23.953	270	15.82	92	21.599	269	67.55	160
18	24.223	245	14.90	56	21.868	246	69.15	144
28	24.468	216	14.34	18	22.114	218	70.59	125
Sept. 7	24.684	184	14.16	18	22.332	188	71.84	104
17	24.868	149	14.34	53	22.520	156	72.88	83
27	25.017	114	14.87	83	22.676	125	73.71	61
Okt. 7	25.131	80	15.70	110	22.801	93	74.32	39
17	25.211	46	16.80	129	22.894	62	74.71	19
26	[17] 25.257	14	18.09	143	[17] 22.956	33	74.90	1
Nov. 5	25.271	16	19.52	149	22.989	4	74.91	15
15	25.255	44	21.01	149	22.993	23	74.76	28
25	25.211	69	22.50	143	22.970	47	74.48	39
Dez. 5	25.142	91	23.93	131	22.923	70	74.09	49
15	25.051	110	25.24	114	22.853	91	73.60	55
25	24.941	127	26.38	94	22.762	110	73.05	61
35	24.814		27.32		22.652		72.44	
Mittl. Ort	22.364		32.20		19.624		59.73	
sec δ, tg δ	1.042		−0.291		1.012		+0.156	
a, *a′*	+2.9		+18.1		+3.2		+18.1	
b, *b′*	−0.02		− 0.43		+0.01		− 0.43	

Tag	61) ε Sculptoris				62) ζ Ceti			
	AR.		Dekl.		AR.		Dekl.	
1942	1h 42m		−25° 20′		1h 48m		−10° 36′	
	s		″		s		″	
Jan. 0	55.732	149	45.46	87	35.868	125	85.64	86
10	55.583	159	46.33	53	35.743	138	86.50	67
20	55.424	163	46.86	18	35.605	144	87.17	45
30	55.261	162	47.04	18	35.461	145	87.62	23
Febr. 9	55.099	154	46.86	53	35.316	139	87.85	0
19	54.945	137	46.33	88	35.177	126	87.85	25
März 1	54.808	115	45.45	120	35.051	106	87.60	49
11	54.693	84	44.25	152	34.945	78	87.11	75
21	54.609	48	42.73	180	34.867	44	86.36	100
31	54.561	8	40.93	206	34.823	5	85.36	125
Apr. 10	54.553	37	38.87	228	34.818	38	84.11	149
20	54.590	84	36.59	246	34.856	81	82.62	170
30	54.674	131	34.13	259	34.937	126	80.92	188
Mai 10	54.805	175	31.54	267	35.063	168	79.04	204
20	54.980	216	28.87	268	35.231	207	77.00	215
30	55.196	251	26.19	264	35.438	240	74.85	221
Juni 9	55.447	281	23.55	252	35.678	268	72.64	221
19	55.728	302	21.03	235	35.946	287	70.43	216
29	56.030	316	18.68	211	36.233	299	68.27	205
Juli 9	56.346	321	16.57	181	36.532	304	66.22	188
19	56.667	317	14.76	147	36.836	301	64.34	167
29	56.984	307	13.29	108	37.137	289	62.67	141
Aug. 8	57.291	288	12.21	66	37.426	273	61.26	111
18	57.579	263	11.55	23	37.699	250	60.15	78
28	57.842	233	11.32	19	37.949	223	59.37	44
Sept. 7	58.075	200	11.51	60	38.172	192	58.93	10
17	58.275	163	12.11	98	38.364	161	58.83	22
27	58.438	126	13.09	132	38.525	127	59.05	52
Okt. 7	58.564	88	14.41	159	38.652	94	59.57	78
17	58.652	51	16.00	178	38.746	62	60.35	99
26	[17] 58.703	16	17.78	190	[19] 38.808	31	61.34	115
Nov. 5	58.719	17	19.68	193	38.839	2	62.49	125
15	58.702	47	21.61	189	38.841	26	63.74	128
25	58.655	75	23.50	177	38.815	51	65.02	127
Dez. 5	58.580	100	25.27	158	38.764	75	66.29	121
15	58.480	121	26.85	133	38.689	96	67.50	109
25	58.359	138	28.18	105	38.593	114	68.59	94
35	58.221		29.23		38.479		69.53	
Mittl. Ort	55.771		30.40		35.755		75.06	
sec δ, tg δ	1.107		−0.474		1.017		−0.188	
a, *a′*	+2.8		+18.1		+3.0		+17.8	
b, *b′*	−0.03		− 0.43		−0.01		− 0.46	

[1]) Die jährliche Parallaxe (0″315) ist bereits berücksichtigt.

Tag	64) α Trianguli AR.		64) α Trianguli Dekl.		63) ε Cassiopeiae AR.		63) ε Cassiopeiae Dekl.		65) ξ Piscium AR.		65) ξ Piscium Dekl.		67) ψ Phoenicis AR.		67) ψ Phoenicis Dekl.	
1942	$1^h 49^m$		$+29° 17'$		$1^h 50^m$		$+63° 22'$		$1^h 50^m$		$+2° 53'$		$1^h 51^m$		$-46° 34'$	
Jan. 0	46.643	144	52.29	27	13.61	36	78.89	60	33.230	119	61.12	73	19.205	233	90.63	83
10	46.499	160	52.02	51	13.25	39	79.49	7	33.111	132	60.39	68	18.972	244	91.46	32
20	46.339	170	51.51	74	12.86	41	79.56	47	32.979	139	59.71	62	18.728	247	91.78	20
30	46.169	171	50.77	94	12.45	40	79.09	98	32.840	142	59.09	53	18.481	244	91.58	69
Febr. 9	45.998	165	49.83	110	12.05	39	78.11	146	32.698	137	58.56	42	18.237	230	90.89	118
19	45.833	150	48.73	122	11.66	34	76.65	187	32.561	124	58.14	30	18.007	209	89.71	163
März 1	45.683	124	47.51	128	11.32	29	74.78	220	32.437	104	57.84	14	17.798	179	88.08	204
11	45.559	90	46.23	127	11.03	22	72.58	244	32.333	76	57.70	4	17.619	142	86.04	241
21	45.469	49	44.96	120	10.81	13	70.14	257	32.257	42	57.74	24	17.477	96	83.63	271
31	45.420	3	43.76	108	10.68	4	67.57	260	32.215	3	57.98	46	17.381	45	80.92	297
Apr. 10	45.417	47	42.68	90	10.64	5	64.97	252	32.212	40	58.44	69	17.336	10	77.95	316
20	45.464	99	41.78	66	10.69	15	62.45	234	32.252	84	59.13	92	17.346	67	74.79	329
30	45.563	150	41.12	38	10.84	24	60.11	209	32.336	129	60.05	115	17.413	126	71.50	334
Mai 10	45.713	197	40.74	9	11.08	33	58.02	175	32.465	171	61.20	136	17.539	182	68.16	332
20	45.910	240	40.65	22	11.41	40	56.27	136	32.636	209	62.56	154	17.721	234	64.84	322
30	46.150	276	40.87	54	11.81	47	54.91	93	32.845	242	64.10	170	17.955	282	61.62	306
Juni 9	46.426	303	41.41	84	12.28	52	53.98	46	33.087	269	65.80	181	18.237	322	58.56	280
19	46.729	324	42.25	111	12.80	55	53.52	1	33.356	287	67.61	187	18.559	353	55.76	249
29	47.053	335	43.36	137	13.35	57	53.53	48	33.643	299	69.48	189	18.912	375	53.27	211
Juli 9	47.388	338	44.73	157	13.92	58	54.01	94	33.942	303	71.37	185	19.287	386	51.16	166
19	47.726	332	46.30	174	14.50	57	54.95	138	34.245	298	73.22	176	19.673	387	49.50	118
29	48.058	319	48.04	187	15.07	55	56.33	177	34.543	287	74.98	163	20.060	379	48.32	65
Aug. 8	48.377	299	49.91	194	15.62	52	58.10	213	34.830	271	76.61	145	20.439	360	47.67	12
18	48.676	275	51.85	196	16.14	48	60.23	243	35.101	248	78.06	124	20.799	332	47.55	43
28	48.951	246	53.81	196	16.62	43	62.66	270	35.349	221	79.30	100	21.131	296	47.98	96
Sept. 7	49.197	215	55.77	190	17.05	37	65.36	290	35.570	193	80.30	75	21.427	253	48.94	144
17	49.412	181	57.67	182	17.42	32	68.26	304	35.763	162	81.05	50	21.680	206	50.38	188
27	49.593	146	59.49	171	17.74	25	71.30	313	35.925	131	81.55	25	21.886	156	52.26	224
Okt. 7	49.739	112	61.20	158	17.99	18	74.43	315	36.056	99	81.80	2	22.042	103	54.50	251
17	49.851	79	62.78	143	18.17	11	77.58	311	36.155	68	81.82	19	22.145	51	57.01	269
26	[19] 49.930	45	64.21	124	[19] 18.28	5	80.69	300	[19] 36.223	39	81.63	36	[20] 22.196	0	59.70	275
Nov. 5	49.975	12	65.45	105	18.33	3	83.69	282	36.262	11	81.27	51	22.196	48	62.45	271
15	49.987	20	66.50	85	18.30	10	86.51	257	36.273	17	80.76	61	22.148	92	65.16	256
25	49.967	50	67.35	63	18.20	17	89.08	226	36.256	42	80.15	68	22.056	132	67.72	231
Dez. 5	49.917	80	67.98	39	18.03	23	91.34	188	36.214	66	79.47	72	21.924	167	70.03	197
15	49.837	106	68.37	15	17.80	28	93.22	143	36.148	87	78.75	73	21.757	196	72.00	157
25	49.731	130	68.52	9	17.52	34	94.65	94	36.061	107	78.02	73	21.561	219	73.57	111
35	49.601		68.43		17.18		95.59		35.954		77.29		21.342		74.68	
Mittl. Ort	46.076		49.70		11.82		67.91		32.987		67.23		19.335		69.90	
sec δ, tg δ	1.147		+0.561		2.232		+1.996		1.001		+0.051		1.455		−1.057	
a, a′	+3.4		+17.8		+4.3		+17.8		+3.1		+17.8		+2.4		+17.7	
b, b′	+0.03		− 0.46		+0.12		− 0.46		0.00		− 0.46		−0.06		− 0.47	

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Tag		66) β Arietis AR.		66) β Arietis Dekl.		68) χ Eridani AR.		68) χ Eridani Dekl.		72) α Hydri AR.		72) α Hydri Dekl.		71) υ Ceti AR.		71) υ Ceti Dekl.	
1942		$1^h\ 51^m$		$+20°\ 31'$		$1^h\ 53^m$		$-51°\ 53'$		$1^h\ 56^m$		$-61°\ 50'$		$1^h\ 57^m$		$-21°\ 21'$	
Jan.	0	26.268	129	30.93	44	41.997	269	70.84	79	56.38	39	88.74	70	16.378	139	43.32	96
	10	26.139	143	30.49	58	41.728	282	71.63	24	55.99	40	89.44	12	16.239	152	44.28	65
	20	25.996	153	29.91	72	41.446	285	71.87	29	55.59	40	89.56	47	16.087	160	44.93	33
	30	25.843	156	29.19	83	41.161	279	71.58	82	55.19	39	89.09	103	15.927	161	45.26	1
Febr.	9	25.687	150	28.36	90	40.882	264	70.76	132	54.80	37	88.06	156	15.766	155	45.27	32
	19	25.537	136	27.46	93	40.618	240	69.44	180	54.43	34	86.50	204	15.611	143	44.95	65
März	1	25.401	114	26.53	92	40.378	207	67.64	221	54.09	30	84.46	248	15.468	122	44.30	97
	11	25.287	83	25.61	85	40.171	165	65.43	259	53.79	24	81.98	286	15.346	94	43.33	127
	21	25.204	45	24.76	75	40.006	115	62.84	290	53.55	17	79.12	316	15.252	60	42.06	156
	31	25.159	3	24.01	58	39.891	59	59.94	315	53.38	11	75.96	339	15.192	20	40.50	182
Apr.	10	25.156	44	23.43	38	39.832	1	56.79	333	53.27	3	72.57	356	15.172	23	38.68	205
	20	25.200	92	23.05	14	39.833	64	53.46	345	53.24	5	69.01	364	15.195	69	36.63	225
	30	25.292	140	22.91	12	39.897	128	50.01	348	53.29	13	65.37	364	15.264	116	34.38	241
Mai	10	25.432	184	23.03	39	40.025	189	46.53	344	53.42	21	61.73	357	15.380	160	31.97	252
	20	25.616	224	23.42	67	40.214	247	43.09	332	53.63	29	58.16	341	15.540	201	29.45	257
	30	25.840	259	24.09	93	40.461	300	39.77	313	53.92	35	54.75	317	15.741	237	26.88	256
Juni	9	26.099	286	25.02	117	40.761	345	36.64	285	54.27	41	51.58	285	15.978	268	24.32	249
	19	26.385	306	26.19	138	41.106	380	33.79	250	54.68	46	48.73	246	16.246	291	21.83	235
	29	26.691	316	27.57	155	41.486	406	31.29	210	55.14	49	46.27	201	16.537	305	19.48	216
Juli	9	27.007	319	29.12	169	41.892	420	29.19	163	55.63	51	44.26	150	16.842	312	17.32	190
	19	27.326	315	30.81	177	42.312	424	27.56	111	56.14	53	42.76	95	17.154	311	15.42	159
	29	27.641	303	32.58	180	42.736	415	26.45	56	56.67	52	41.81	37	17.465	303	13.83	124
Aug.	8	27.944	284	34.38	180	43.151	396	25.89	1	57.19	49	41.44	22	17.768	287	12.59	85
	18	28.228	262	36.18	175	43.547	366	25.88	56	57.68	46	41.66	80	18.055	265	11.74	45
	28	28.490	234	37.93	167	43.913	328	26.44	110	58.14	42	42.46	136	18.320	238	11.29	3
Sept.	7	28.724	204	39.60	154	44.241	281	27.54	160	58.56	35	43.82	188	18.558	207	11.26	38
	17	28.928	173	41.14	140	44.522	229	29.14	204	58.91	29	45.70	232	18.765	173	11.64	75
	27	29.101	140	42.54	124	44.751	172	31.18	240	59.20	21	48.02	268	18.938	138	12.39	109
Okt.	7	29.241	108	43.78	107	44.923	113	33.58	268	59.41	13	50.70	294	19.076	103	13.48	138
	17	29.349	77	44.85	89	45.036	54	36.26	284	59.54	6	53.64	308	19.179	68	14.86	159
		20				20				31				21			
	26	29.426	45	45.74	72	45.090	4	39.10	290	59.60	3	56.72	311	19.247	34	16.45	174
Nov.	5	29.471	15	46.46	53	45.086	59	42.00	283	59.57	10	59.83	302	19.281	1	18.19	180
	15	29.486	15	46.99	36	45.027	110	44.83	266	59.47	17	62.85	280	19.282	29	19.99	180
	25	29.471	42	47.35	19	44.917	156	47.49	239	59.30	24	65.65	248	19.253	58	21.79	171
Dez.	5	29.429	69	47.54	1	44.761	196	49.88	202	59.06	29	68.13	207	19.195	84	23.50	156
	15	29.360	93	47.55	16	44.565	228	51.90	158	58.77	34	70.20	158	19.111	106	25.06	136
	25	29.267	116	47.39	32	44.337	254	53.48	109	58.43	36	71.78	103	19.005	127	26.42	110
	35	29.151		47.07		44.083		54.57		58.07		72.81		18.878		27.52	
Mittl. Ort		25.823		31.20		42.141		49.01		56.56		65.26		16.289		29.12	
sec δ, tg δ		1.068		+0.374		1.621		−1.275		2.120		−1.869		1.074		−0.391	
a, a′		+3.3		+17.7		+2.3		+17.6		+1.9		+17.5		+2.8		+17.5	
b, b′		+0.02		− 0.47		−0.07		− 0.48		−0.11		− 0.49		−0.02		− 0.49	

Tag	70) 50 Cassiopeiae AR.	Δ	70) Dekl.	Δ	73) γ Androm. *pr* AR.	Δ	73) Dekl.	Δ	74) α Arietis AR.	Δ	74) Dekl.	Δ	75) β Trianguli AR.	Δ	75) Dekl.	Δ
1942	$1^h\ 58^m$		+72° 8′		$2^h\ 0^m$		+42° 2′		$2^h\ 3^m$		+23° 11′		$2^h\ 6^m$		+34° 42′	
	s		"		s		"		s		"		s		"	
Jan. 0	29.05	56	43.09	94	20.618	178	74.47	12	54.407	128	20.81	33	5.772	150	53.57	3
10	28.49	61	44.03	36	20.440	200	74.59	24	54.279	146	20.48	50	5.622	172	53.54	31
20	27.88	63	44.39	22	20.240	214	74.35	58	54.133	158	19.98	66	5.450	185	53.23	59
30	27.25	63	44.17	80	20.026	218	73.77	92	53.975	163	19.32	79	5.265	191	52.64	85
Febr. 9	26.62	60	43.37	134	19.808	210	72.85	121	53.812	160	18.53	89	5.074	187	51.79	107
19	26.02	54	42.03	182	19.598	193	71.64	146	53.652	148	17.64	96	4.887	173	50.72	125
März 1	25.48	46	40.21	222	19.405	164	70.18	164	53.504	126	16.68	98	4.714	148	49.47	138
11	25.02	36	37.99	253	19.241	124	68.54	174	53.378	96	15.70	95	4.566	114	48.09	143
21	24.66	24	35.46	273	19.117	76	66.80	177	53.282	59	14.75	87	4.452	71	46.66	142
31	24.42	11	32.73	282	19.041	22	65.03	172	53.223	15	13.88	73	4.381	22	45.24	134
April 10	24.31	3	29.91	280	19.019	37	63.31	158	53.208	32	13.15	54	4.359	30	43.90	120
20	24.34	17	27.11	267	19.056	97	61.73	139	53.240	81	12.61	33	4.389	85	42.70	99
30	24.51	30	24.44	245	19.153	157	60.34	112	53.321	130	12.28	7	4.474	139	41.71	74
Mai 10	24.81	43	21.99	213	19.310	212	59.22	82	53.451	176	12.21	20	4.613	191	40.97	45
20	25.24	53	19.86	176	19.522	262	58.40	48	53.627	218	12.41	48	4.804	238	40.52	14
30	25.77	63	18.10	132	19.784	304	57.92	11	53.845	255	12.89	74	5.042	277	40.38	18
Juni 9	26.40	70	16.78	86	20.088	339	57.81	25	54.100	284	13.63	99	5.319	310	40.56	51
19	27.10	76	15.92	36	20.427	363	58.06	61	54.384	306	14.62	123	5.629	333	41.07	82
29	27.86	79	15.56	14	20.790	378	58.67	96	54.690	318	15.85	142	5.962	348	41.89	110
Juli 9	28.65	81	15.70	64	21.168	383	59.63	126	55.008	324	17.27	157	6.310	353	42.99	136
19	29.46	80	16.34	111	21.551	379	60.89	155	55.332	321	18.84	169	6.663	351	44.35	158
29	30.26	78	17.45	157	21.930	367	62.44	179	55.653	311	20.53	175	7.014	340	45.93	175
Aug. 8	31.04	74	19.02	198	22.297	347	64.23	198	55.964	295	22.28	178	7.354	324	47.68	188
18	31.78	69	21.00	235	22.644	321	66.21	214	56.259	273	24.06	175	7.678	300	49.56	198
28	32.47	62	23.35	268	22.965	291	68.35	224	56.532	247	25.81	170	7.978	272	51.54	202
Sept. 7	33.09	55	26.03	294	23.256	256	70.59	230	56.779	219	27.51	160	8.250	242	53.56	202
17	33.64	46	28.97	315	23.512	219	72.89	231	56.998	188	29.11	149	8.492	208	55.58	199
27	34.10	37	32.12	330	23.731	180	75.20	229	57.186	156	30.60	135	8.700	173	57.57	192
Okt. 7	34.47	27	35.42	338	23.911	141	77.49	222	57.342	124	31.95	119	8.873	138	59.49	183
17	34.74	17	38.80	339	24.052	102	79.71	212	57.466	91	33.14	103	9.011	103	61.32	171
	21				22				23				23			
26	34.91	6	42.19	332	24.154	61	81.83	197	57.557	60	34.17	87	9.114	66	63.03	155
Nov. 5	34.97	4	45.51	318	24.215	21	83.80	179	57.617	29	35.04	69	9.180	31	64.58	138
15	34.93	15	48.69	296	24.236	19	85.59	158	57.646	2	35.73	52	9.211	4	65.96	118
25	34.78	26	51.65	265	24.217	57	87.17	132	57.644	32	36.25	34	9.207	39	67.14	96
Dez. 5	34.52	36	54.30	227	24.160	95	88.49	104	57.612	61	36.59	16	9.168	74	68.10	72
15	34.16	45	56.57	182	24.065	130	89.53	71	57.551	89	36.75	1	9.094	105	68.82	46
25	33.71	52	58.39	131	23.935	161	90.24	37	57.462	113	36.74	20	8.989	134	69.28	17
35	33.19		59.70		23.774		90.61		57.349		36.54		8.855		69.45	
Mittl. Ort	26.13		31.31		19.723		68.77		53.859		20.79		5.015		50.20	
sec δ, tg δ	3.261		+3.104		1.347		+0.902		1.088		+0.428		1.216		+0.693	
a, *a′*	+5.1		+17.4		+3.7		+17.3		+3.4		+17.2		+3.6		+17.1	
b, *b′*	+0.18		− 0.49		+0.05		− 0.50		+0.02		− 0.51		+0.04		− 0.52	

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Tag	76) 55 Cassiopeiae AR.	76) 55 Cassiopeiae Dekl.	78) μ Fornacis AR.	78) μ Fornacis Dekl.	80) 67 Ceti AR.	80) 67 Ceti Dekl.	85) ξ² Ceti AR.	85) ξ² Ceti Dekl.
1942	$2^h\ 9^m$	+66° 14′	$2^h\ 10^m$	−30° 59′	$2^h\ 14^m$	−6° 41′	$2^h\ 25^m$	+8° 11′
Jan. 0	56.27s 39	84.41″ 91	21.353s 160	59.55″ 107	5.601s 117	28.81″ 90	4.746s 109	58.43″ 62
10	55.88 44	85.32 38	21.193 175	60.62 69	5.484 133	29.71 74	4.637 130	57.81 63
20	55.44 46	85.70 17	21.018 185	61.31 28	5.351 145	30.45 57	4.507 144	57.18 61
30	54.98 46	85.53 71	20.833 188	61.59 13	5.206 151	31.02 38	4.363 152	56.57 57
Febr. 9	54.52 45	84.82 122	20.645 183	61.46 54	5.055 149	31.40 17	4.211 153	56.00 52
19	54.07 42	83.60 167	20.462 171	60.92 94	4.906 140	31.57 5	4.058 145	55.48 44
März 1	53.65 36	81.93 205	20.291 150	59.98 131	4.766 123	31.52 27	3.913 130	55.04 34
11	53.29 28	79.88 235	20.141 122	58.67 165	4.643 98	31.25 50	3.783 105	54.70 21
21	53.01 19	77.53 254	20.019 86	57.02 198	4.545 66	30.75 74	3.678 74	54.49 5
31	52.82 10	74.99 263	19.933 44	55.04 226	4.479 29	30.01 99	3.604 35	54.44 14
Apr. 10	52.72 1	72.36 261	19.889 1	52.78 250	4.450 13	29.02 122	3.569 8	54.58 33
20	52.73 12	69.75 249	19.890 50	50.28 268	4.463 58	27.80 144	3.577 53	54.91 55
30	52.85 22	67.26 228	19.940 99	47.60 283	4.521 103	26.36 164	3.630 99	55.46 78
Mai 10	53.07 32	64.98 199	20.039 148	44.77 290	4.624 146	24.72 182	3.729 144	56.24 99
20	53.39 40	62.99 164	20.187 193	41.87 291	4.770 187	22.90 196	3.873 185	57.23 119
30	53.79 49	61.35 123	20.380 234	38.96 286	4.957 222	20.94 205	4.058 222	58.42 138
Juni 9	54.28 54	60.12 78	20.614 268	36.10 273	5.179 252	18.89 209	4.280 252	59.80 152
19	54.82 59	59.34 32	20.882 295	33.37 253	5.431 276	16.80 209	4.532 276	61.32 164
29	55.41 62	59.02 15	21.177 315	30.84 227	5.707 291	14.71 203	4.808 293	62.96 170
Juli 9	56.03 64	59.17 62	21.492 326	28.57 194	5.998 298	12.68 190	5.101 301	64.66 172
19	56.67 63	59.79 107	21.818 329	26.63 156	6.296 299	10.78 173	5.402 302	66.38 169
29	57.30 62	60.86 149	22.147 323	25.07 114	6.595 292	9.05 150	5.704 297	68.07 161
Aug. 8	57.92 59	62.35 187	22.470 309	23.93 68	6.887 279	7.55 125	6.001 284	69.68 149
18	58.51 56	64.22 222	22.779 288	23.25 20	7.166 261	6.30 95	6.285 267	71.17 133
28	59.07 51	66.44 251	23.067 262	23.05 27	7.427 238	5.35 63	6.552 245	72.50 115
Sept. 7	59.58 45	68.95 276	23.329 230	23.32 73	7.665 211	4.72 31	6.797 221	73.65 94
17	60.03 39	71.71 296	23.559 195	24.05 116	7.876 181	4.41 1	7.018 194	74.59 71
27	60.42 32	74.67 309	23.754 158	25.21 154	8.057 151	4.42 31	7.212 165	75.30 49
Okt. 7	60.74 25	77.76 316	23.912 118	26.75 184	8.208 120	4.73 57	7.377 135	75.79 28
17	60.99 17	80.92 317	24.030 79	28.59 208	8.328 89	5.30 79	7.512 106	76.07 9
26*)	[24] 61.16 10	84.09 310	[24] 24.109 41	30.67 221	[25] 8.417 58	6.09 97	[28] 7.618 76	76.16 9
Nov. 5	61.26 1	87.19 298	24.150 4	32.88 227	8.475 29	7.06 109	7.694 46	76.07 24
15	61.27 7	90.17 278	24.154 32	35.15 223	8.504 0	8.15 116	7.740 17	75.83 36
25	61.20 15	92.95 249	24.122 65	37.38 209	8.504 28	9.31 118	7.757 12	75.47 45
Dez. 5	61.05 22	95.44 215	24.057 95	39.47 189	8.476 56	10.49 115	7.745 41	75.02 52
15	60.83 30	97.59 173	23.962 122	41.36 161	8.420 80	11.64 107	7.704 68	74.50 56
25	60.53 36	99.32 125	23.840 145	42.97 128	8.340 102	12.71 96	7.636 93	73.94 59
35	60.17	100.57	23.695	44.25	8.238	13.67	7.543	73.35
Mittl. Ort	54.04	74.18	21.230	42.36	5.308	18.79	4.269	64.03
sec δ, tg δ	2.483	+2.273	1.167	−0.601	1.007	−0.117	1.010	+0.144
a, a'	+4.7	+16.9	+2.6	+16.9	+3.0	+16.7	+3.2	+16.2
b, b'	+0.13	− 0.54	−0.03	− 0.54	−0.01	− 0.55	+0.01	− 0.59

*) Bei Stern 85) lies Okt. 27.

Tag	87) 36 H. Cassiopeiae AR.		Dekl.		90) μ Hydri AR.		Dekl.		89) ν Arietis AR.		Dekl.		91) δ Ceti AR.		Dekl.	
1942	$2^h\ 32^m$		$+72°\ 33'$		$2^h\ 32^m$		$-79°\ 21'$		$2^h\ 35^m$		$+21°\ 42'$		$2^h\ 36^m$		$+0°\ 4'$	
	s		″		s		″		s		″		s		″	
Jan. 0	31.51	52	68.94	136	52.11	113	70.45	91	31.687	113	40.45	24	30.847	106	37.28	81
10	30.99	60	70.30	82	50.98	119	71.36	30	31.574	138	40.21	37	30.741	127	36.47	73
20	30.39	64	71.12	25	49.79	121	71.66	30	31.436	155	39.84	50	30.614	143	35.74	61
30	29.75	65	71.37	33	48.58	121	71.36	89	31.281	167	39.34	62	30.471	153	35.13	49
Febr. 9	29.10	65	71.04	90	47.37	116	70.47	146	31.114	169	38.72	71	30.318	155	34.64	35
19	28.45	61	70.14	142	46.21	109	69.01	198	30.945	163	38.01	77	30.163	150	34.29	20
März 1	27.84	54	68.72	187	45.12	99	67.03	243	30.782	147	37.24	80	30.013	137	34.09	2
11	27.30	45	66.85	225	44.13	87	64.60	283	30.635	121	36.44	78	29.876	114	34.07	16
21	26.85	34	64.60	252	43.26	72	61.77	315	30.514	88	35.66	72	29.762	83	34.23	36
31	26.51	21	62.08	270	42.54	55	58.62	341	30.426	47	34.94	61	29.679	47	34.59	58
Apr. 10	26.30	8	59.38	277	41.99	38	55.21	359	30.379	1	34.33	46	29.632	6	35.17	80
20	26.22	7	56.61	272	41.61	19	51.62	369	30.378	48	33.87	27	29.626	38	35.97	102
30	26.29	21	53.89	258	41.42	0	47.93	370	30.426	97	33.60	6	29.664	84	36.99	123
Mai 10	26.50	35	51.31	236	41.42	20	44.23	364	30.523	145	33.54	18	29.748	129	38.22	142
20	26.85	46	48.95	204	41.62	39	40.59	349	30.668	189	33.72	42	29.877	170	39.64	159
30	27.31	58	46.91	167	42.01	57	37.10	326	30.857	229	34.14	66	30.047	208	41.23	173
Juni 9	27.89	67	45.24	125	42.58	73	33.84	296	31.086	262	34.80	89	30.255	240	42.96	183
19	28.56	73	43.99	79	43.31	88	30.88	258	31.348	288	35.69	110	30.495	265	44.79	188
29	29.29	79	43.20	32	44.19	101	28.30	212	31.636	306	36.79	128	30.760	283	46.67	187
Juli 9	30.08	82	42.88	16	45.20	111	26.18	162	31.942	316	38.07	141	31.043	294	48.54	182
19	30.90	83	43.04	63	46.31	116	24.56	106	32.258	319	39.48	152	31.337	297	50.36	172
29	31.73	83	43.67	109	47.47	120	23.50	47	32.577	315	41.00	157	31.634	294	52.08	156
Aug. 8	32.56	81	44.76	152	48.67	119	23.03	14	32.892	303	42.57	159	31.928	284	53.64	137
18	33.37	77	46.28	192	49.86	114	23.17	74	33.195	287	44.16	156	32.212	269	55.01	113
28	34.14	71	48.20	228	51.00	106	23.91	132	33.482	266	45.72	150	32.481	249	56.14	88
Sept. 7	34.85	65	50.48	259	52.06	94	25.23	187	33.748	242	47.22	141	32.730	226	57.02	60
17	35.50	58	53.07	286	53.00	80	27.10	235	33.990	214	48.63	129	32.956	199	57.62	31
27	36.08	49	55.93	306	53.80	62	29.45	275	34.204	185	49.92	117	33.155	172	57.93	5
Okt. 7	36.57	39	58.99	321	54.42	42	32.20	304	34.389	156	51.09	102	33.327	143	57.98	20
17	36.96	30	62.20	328	54.84	21	35.24	323	34.545	126	52.11	87	33.470	113	57.78	42
27	37.26	19	65.48	330	55.05	1	38.47	328	34.671	94	52.98	73	33.583	84	57.36	61
Nov. 5	[30] 37.45	7	68.78	323	[30] 55.04	23	41.75	322	[31] 34.765	62	53.71	58	[31] 33.667	54	56.75	75
15	37.52	4	72.01	308	54.81	44	44.97	302	34.827	31	54.29	44	33.721	24	56.00	84
25	37.48	16	75.09	286	54.37	64	47.99	272	34.858	2	54.73	30	33.745	6	55.16	89
Dez. 5	37.32	27	77.95	255	53.73	81	50.71	230	34.856	35	55.03	15	33.739	34	54.27	91
15	37.05	38	80.50	217	52.92	95	53.01	181	34.821	65	55.18	1	33.705	63	53.36	89
25	36.67	48	82.67	170	51.97	107	54.82	125	34.756	96	55.19	12	33.642	89	52.47	83
35	36.19		84.37		50.90		56.07		34.660		55.07		33.553		51.64	
Mittl. Ort	28.11		59.38		51.08		45.62		31.003		42.31		30.383		45.80	
sec δ, tg δ	3.338		+3.184		5.417		−5.324		1.076		+0.398		1.000		+0.001	
a, *a′*	+5.7		+15.8		−1.3		+15.7		+3.4		+15.6		+3.1		+15.5	
b, *b′*	+0.17		− 0.62		−0.28		− 0.62		+0.02		− 0.63		0.00		− 0.63	

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Tag	93) ϑ Persei AR.		93) ϑ Persei Dekl.		97) π Ceti AR.		97) π Ceti Dekl.		98) μ Ceti AR.		98) μ Ceti Dekl.		100) 41 Arietis AR.		100) 41 Arietis Dekl.	
1942	2^h 40^m		+48° 58′		2^h 41^m		−14° 5′		2^h 41^m		+9° 52′		2^h 46^m		+27° 1′	
Jan. 0	14.838	185	69.51	68	22.033	116	85.01	111	48.726	102	7.61	57	34.595	115	20.80	3
10	14.653	221	70.19	29	21.917	137	86.12	88	48.624	126	7.04	58	34.480	142	20.77	21
20	14.432	246	70.48	10	21.780	153	87.00	62	48.498	143	6.46	57	34.338	163	20.56	38
30	14.186	261	70.38	50	21.627	164	87.62	36	48.355	155	5.89	55	34.175	177	20.18	56
Febr. 9	13.925	263	69.88	88	21.463	166	87.98	8	48.200	159	5.34	52	33.998	181	19.62	71
19	13.662	252	69.00	121	21.297	161	88.06	21	48.041	154	4.82	46	33.817	177	18.91	83
März 1	13.410	228	67.79	149	21.136	147	87.85	50	47.887	140	4.36	38	33.640	161	18.08	91
11	13.182	190	66.30	171	20.989	125	87.35	78	47.747	118	3.98	27	33.479	136	17.17	95
21	12.992	141	64.59	185	20.864	96	86.57	106	47.629	87	3.71	13	33.343	102	16.22	94
31	12.851	83	62.74	191	20.768	59	85.51	133	47.542	50	3.58	4	33.241	60	15.28	87
Apr. 10	12.768	18	60.83	189	20.709	18	84.18	158	47.492	8	3.62	22	33.181	13	14.41	76
20	12.750	50	58.94	178	20.691	26	82.60	180	47.484	38	3.84	43	33.168	38	13.65	60
30	12.800	118	57.16	160	20.717	72	80.80	200	47.522	85	4.27	64	33.206	89	13.05	40
Mai 10	12.918	183	55.56	136	20.789	118	78.80	216	47.607	130	4.91	85	33.295	139	12.65	17
20	13.101	244	54.20	107	20.907	161	76.64	228	47.737	173	5.76	106	33.434	187	12.48	8
30	13.345	298	53.13	75	21.068	200	74.36	234	47.910	211	6.82	124	33.621	229	12.56	33
Juni 9	13.643	344	52.38	39	21.268	233	72.02	234	48.121	243	8.06	140	33.850	264	12.89	58
19	13.987	379	51.99	3	21.501	261	69.68	230	48.364	270	9.46	152	34.114	293	13.47	82
29	14.366	404	51.96	33	21.762	282	67.38	218	48.634	288	10.98	160	34.407	313	14.29	103
Juli 9	14.770	419	52.29	68	22.044	294	65.20	201	48.922	299	12.58	164	34.720	325	15.32	121
19	15.189	425	52.97	101	22.338	300	63.19	178	49.221	303	14.22	162	35.045	330	16.53	136
29	15.614	421	53.98	132	22.638	298	61.41	150	49.524	300	15.84	157	35.375	327	17.89	147
Aug. 8	16.035	408	55.30	159	22.936	290	59.91	117	49.824	290	17.41	146	35.702	317	19.36	153
18	16.443	389	56.89	182	23.226	275	58.74	81	50.114	276	18.87	133	36.019	303	20.89	157
28	16.832	363	58.71	200	23.501	255	57.93	43	50.390	256	20.20	115	36.322	282	22.46	156
Sept. 7	17.195	331	60.71	216	23.756	232	57.50	5	50.646	234	21.35	96	36.604	259	24.02	152
17	17.526	297	62.87	227	23.988	205	57.45	32	50.880	208	22.31	76	36.863	233	25.54	145
27	17.823	258	65.14	233	24.193	176	57.77	67	51.088	181	23.07	54	37.096	204	26.99	137
Okt. 7	18.081	217	67.47	236	24.369	146	58.44	98	51.269	153	23.61	34	37.300	174	28.36	127
17	18.298	174	69.83	233	24.515	115	59.42	124	51.422	124	23.95	15	37.474	143	29.63	115
27	18.472	128	72.16	228	24.630	82	60.66	143	51.546	95	24.10	2	37.617	110	30.78	102
Nov. 5	18.600	81	74.44	217	24.712	50	62.09	156	51.641	64	24.08	16	37.727	78	31.80	89
15	18.681	33	76.61	202	24.762	19	63.65	162	51.705	34	23.92	28	37.805	43	32.69	76
25	18.714	17	78.63	181	24.781	12	65.27	160	51.739	4	23.64	37	37.848	8	33.45	60
Dez. 5	18.697	66	80.44	157	24.769	43	66.87	153	51.743	27	23.27	45	37.856	27	34.05	45
15	18.631	114	82.01	127	24.726	72	68.40	140	51.716	57	22.82	50	37.829	61	34.50	29
25	18.517	159	83.28	93	24.654	99	69.80	122	51.659	84	22.32	53	37.768	94	34.79	11
35	18.358		84.21		24.555		71.02		51.575		21.79		37.674		34.90	
Mittl. Ort	13.496		64.48		21.630		72.12		48.152		13.30		33.780		21.66	
sec δ, tg δ	1.524		+1.150		1.031		−0.251		1.015		+0.174		1.122		+0.510	
a, a'	+4.1		+15.3		+2.9		+15.3		+3.2		+15.3		+3.5		+15.0	
b, b'	+0.06		−0.64		−0.01		−0.65		+0.01		−0.65		+0.03		−0.66	

Tag	101) β Fornacis AR.	101) β Fornacis Dekl.	102) τ² Eridani AR.	102) τ² Eridani Dekl.	103) τ Persei AR.	103) τ Persei Dekl.	104) η Eridani AR.	104) η Eridani Dekl.
1942	2ʰ 46ᵐ	−32° 38′	2ʰ 48ᵐ	−21° 14′	2ʰ 50ᵐ	+52° 31′	2ʰ 53ᵐ	−9° 7′
Jan. 0	40.143 154	72.70 138	24.801 125	46.72 127	9.378 199	40.98 89	36.005 105	52.10 108
10	39.989 177	74.08 99	24.676 147	47.99 97	9.179 238	41.87 49	35.900 129	53.18 88
20	39.812 194	75.07 57	24.529 165	48.96 65	8.941 270	42.36 7	35.771 147	54.06 68
30	39.618 205	75.64 13	24.364 176	49.61 30	8.671 288	42.43 36	35.624 159	54.74 45
Febr. 9	39.413 206	75.77 30	24.188 179	49.91 3	8.383 292	42.07 76	35.465 165	55.19 22
19	39.207 199	75.47 72	24.009 174	49.88 39	8.091 283	41.31 114	35.300 162	55.41 3
März 1	39.008 185	74.75 113	23.835 161	49.49 72	7.808 258	40.17 147	35.138 150	55.38 27
11	38.823 160	73.62 151	23.674 140	48.77 106	7.550 220	38.70 172	34.988 130	55.11 53
21	38.663 127	72.11 186	23.534 110	47.71 136	7.330 168	36.98 190	34.858 102	54.58 78
31	38.536 88	70.25 218	23.424 73	46.35 165	7.162 107	35.08 201	34.756 67	53.80 104
Apr. 10	38.448 43	68.07 246	23.351 31	44.70 192	7.055 39	33.07 201	34.689 26	52.76 127
20	38.405 5	65.61 268	23.320 14	42.78 216	7.016 35	31.06 195	34.663 17	51.49 150
30	38.410 56	62.93 285	23.334 61	40.62 234	7.051 107	29.11 180	34.680 63	49.99 171
Mai 10	38.466 106	60.08 297	23.395 108	38.28 249	7.158 178	27.31 157	34.743 108	48.28 189
20	38.572 155	57.11 301	23.503 153	35.79 258	7.336 245	25.74 130	34.851 151	46.39 202
30	38.727 200	54.10 298	23.656 194	33.21 262	7.581 303	24.44 99	35.002 191	44.37 212
Juni 9	38.927 240	51.12 289	23.850 230	30.59 258	7.884 354	23.45 64	35.193 225	42.25 216
19	39.167 274	48.23 272	24.080 259	28.01 249	8.238 395	22.81 26	35.418 253	40.09 215
29	39.441 298	45.51 247	24.339 282	25.52 232	8.633 424	22.55 11	35.671 274	37.94 208
Juli 9	39.739 316	43.04 216	24.621 298	23.20 210	9.057 443	22.66 47	35.945 289	35.86 196
19	40.055 327	40.88 179	24.919 305	21.10 181	9.500 451	23.13 83	36.234 295	33.90 177
29	40.382 327	39.09 137	25.224 305	19.29 147	9.951 450	23.96 116	36.529 295	32.13 153
Aug. 8	40.709 321	37.72 90	25.529 299	17.82 109	10.401 439	25.12 145	36.824 289	30.60 126
18	41.030 307	36.82 40	25.828 285	16.73 67	10.840 421	26.57 172	37.113 276	29.34 96
28	41.337 287	36.42 9	26.113 266	16.06 24	11.261 396	28.29 195	37.389 258	28.38 59
Sept. 7	41.624 260	36.51 60	26.379 242	15.82 19	11.657 364	30.24 214	37.647 238	27.79 25
17	41.884 230	37.11 107	26.621 216	16.01 61	12.021 329	32.38 228	37.885 212	27.54 10
27	42.114 195	38.18 149	26.837 186	16.62 100	12.350 289	34.66 238	38.097 185	27.64 43
Okt. 7	42.309 159	39.67 185	27.023 153	17.62 134	12.639 246	37.04 244	38.282 157	28.07 72
17	42.468 120	41.52 215	27.176 120	18.96 161	12.885 200	39.48 246	38.439 128	28.79 98
27	42.588 81	43.67 234	27.296 87	20.57 182	13.085 151	41.94 242	38.567 96	29.77 118
Nov. 5	³ 42.669 42	46.01 244	³ 27.383 53	22.39 194	³ 13.236 100	44.36 235	⁴ 38.663 66	30.95 131
15	42.711 3	48.45 224	27.436 19	24.33 198	13.336 46	46.71 221	38.729 35	32.26 140
25	42.714 35	50.69 254	27.455 15	26.31 194	13.382 9	48.92 203	38.764 3	33.66 142
Dez. 5	42.679 71	53.23 218	27.440 47	28.25 183	13.373 64	50.95 178	38.767 28	35.08 137
15	42.608 104	55.41 191	27.393 78	30.08 165	13.309 118	52.73 150	38.739 58	36.45 129
25	42.504 136	57.32 158	27.315 107	31.73 141	13.191 169	54.23 115	38.681 87	37.74 114
35	42.368	58.90	27.208	33.14	13.022	55.38	38.594	38.88
Mittl. Ort	39.755	54.82	24.383	31.75	7.832	35.84	35.511	40.44
sec δ, tg δ	1.188	−0.641	1.073	−0.389	1.644	+1.304	1.013	−0.161
a, *a′*	+2.5	+15.0	+2.7	+14.9	+4.3	+14.8	+2.9	+14.6
b, *b′*	−0.03	−0.66	−0.02	−0.67	+0.06	−0.68	−0.01	−0.69

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Tag	106) ϑ Eridani *pr* AR.		106) Dekl.		105) 47 H. Cephei AR.		105) Dekl.		107) α Ceti AR.		107) Dekl.		108) γ Persei AR.		108) Dekl.	
1942	2h 56m		−40° 31′		2h 58m		+79° 11′		2h 59m		+3° 51′		3h 0m		+53° 16′	
	s		″		s		″		s		″		s		″	
Jan. 0	4.145	181	89.94	153	23.28	82	40.60	186	15.264	95	40.08	74	36.465	193	55.93	101
10	3.964	208	91.47	108	22.46	94	42.46	131	15.169	121	39.34	68	36.272	237	56.94	62
20	3.756	227	92.55	60	21.52	104	43.77	73	15.048	140	38.66	61	36.035	271	57.56	20
30	3.529	238	93.15	11	20.48	109	44.50	12	14.908	155	38.05	51	35.764	294	57.76	23
Febr. 9	3.291	241	93.26	37	19.39	109	44.62	48	14.753	162	37.54	42	35.470	301	57.53	65
19	3.050	235	92.89	84	18.30	105	44.14	106	14.591	160	37.12	30	35.169	294	56.88	104
März 1	2.815	219	92.05	130	17.25	97	43.08	159	14.431	149	36.82	16	34.875	272	55.84	137
11	2.596	194	90.75	171	16.28	84	41.49	205	14.282	130	36.66	0	34.603	235	54.47	165
21	2.402	160	89.04	210	15.44	67	39.44	242	14.152	102	36.66	16	34.368	185	52.82	186
31	2.242	117	86.94	243	14.77	48	37.02	268	14.050	66	36.82	35	34.183	124	50.96	198
Apr. 10	2.125	69	84.51	272	14.29	27	34.34	284	13.984	26	37.17	55	34.059	56	48.98	202
20	2.056	18	81.79	294	14.02	5	31.50	289	13.958	18	37.72	76	34.003	18	46.96	197
30	2.038	37	78.85	312	13.97	18	28.61	284	13.976	64	38.48	96	34.021	93	44.99	185
Mai 10	2.075	92	75.73	322	14.15	39	25.77	268	14.040	110	39.44	116	34.114	165	43.14	165
20	2.167	146	72.51	325	14.54	59	23.09	243	14.150	153	40.60	134	34.279	234	41.49	140
30	2.313	196	69.26	319	15.13	77	20.66	212	14.303	192	41.94	149	34.513	295	40.09	110
Juni 9	2.509	240	66.07	307	15.90	93	18.54	174	14.495	226	43.43	162	34.808	348	38.99	76
19	2.749	279	63.00	287	16.83	107	16.80	131	14.721	254	45.05	169	35.156	392	38.23	40
29	3.028	310	60.13	258	17.90	117	15.49	85	14.975	275	46.74	172	35.548	424	37.83	3
Juli 9	3.338	333	57.55	223	19.07	124	14.64	36	15.250	289	48.46	171	35.972	446	37.80	33
19	3.671	347	55.32	182	20.31	129	14.28	12	15.539	296	50.17	165	36.418	457	38.13	69
29	4.018	351	53.50	135	21.60	130	14.40	60	15.835	296	51.82	154	36.875	458	38.82	102
Aug. 8	4.369	347	52.15	84	22.90	129	15.00	107	16.131	289	53.36	137	37.333	450	39.84	132
18	4.716	335	51.31	30	24.19	126	16.07	152	16.420	277	54.73	118	37.783	434	41.16	160
28	5.051	314	51.01	25	25.45	118	17.59	194	16.697	261	55.91	96	38.217	411	42.76	184
Sept. 7	5.365	288	51.26	79	26.63	111	19.53	231	16.958	241	56.87	71	38.628	382	44.60	204
17	5.653	256	52.05	130	27.74	101	21.84	264	17.199	217	57.58	46	39.010	348	46.64	220
27	5.909	218	53.35	175	28.75	88	24.48	293	17.416	192	58.04	20	39.358	308	48.84	232
Okt. 7	6.127	178	55.10	215	29.63	74	27.41	315	17.608	165	58.24	3	39.666	266	51.16	240
17	6.305	134	57.25	245	30.37	58	30.56	332	17.773	137	58.21	24	39.932	221	53.56	244
27	6.439	90	59.70	265	30.95	41	33.88	341	17.910	108	57.97	42	40.153	171	56.00	242
Nov. 5*)	(5) 6.529	44	62.35	276	(6) 31.36	22	37.29	342	(6) 18.018	79	57.55	57	(6) 40.324	119	58.42	237
15	6.573	0	65.11	275	31.58	3	40.71	335	18.097	48	56.98	67	40.443	64	60.79	225
25	6.573	44	67.86	263	31.61	17	44.06	319	18.145	17	56.31	73	40.507	7	63.04	209
Dez. 5	6.529	86	70.49	243	31.44	37	47.25	295	18.162	15	55.58	77	40.514	51	65.13	187
15	6.443	124	72.92	213	31.07	54	50.20	260	18.147	46	54.81	77	40.463	107	67.00	159
25	6.319	159	75.05	176	30.53	73	52.80	218	18.101	76	54.04	74	40.356	162	68.59	126
35	6.160		76.81		29.80		54.98		18.025		53.30		40.194		69.85	
Mittl. Ort	3.673		70.33		17.25		32.29		14.659		48.12		34.829		51.34	
sec δ, tg δ	1.316		−0.855		5.333		+5.238		1.002		+0.067		1.672		+1.341	
a, *a′*	+2.3		+14.4		+8.0		+14.3		+3.1		+14.2		+4.3		+14.1	
b, *b′*	−0.04		−0.69		+0.25		−0.70		0.00		−0.70		+0.06		−0.71	

*) Bei Stern 105), 107) und 108) lies Nov. 6.

Tag	109) ρ Persei				110) μ Horologii				111) β Persei				114) δ Arietis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$3^h\ 1^m$		$+38°\ 36'$		$3^h\ 2^m$		$-59°\ 57'$		$3^h\ 4^m$		$+40°\ 43'$		$3^h\ 8^m$		$+19°\ 30'$	
Jan. 0	28.153	129	62.42	47	15.347	333	66.18	158	24.320	133	63.08	58	19.234	94	27.34	21
10	28.024	163	62.89	19	15.014	370	67.76	104	24.187	169	63.66	28	19.140	123	27.13	30
20	27.861	191	63.08	9	14.644	395	68.80	47	24.018	198	63.94	3	19.017	147	26.83	39
30	27.670	209	62.99	38	14.249	409	69.27	11	23.820	218	63.91	34	18.870	164	26.44	47
Febr. 9	27.461	218	62.61	66	13.840	409	69.16	68	23.602	227	63.57	62	18.706	174	25.97	54
19	27.243	214	61.95	90	13.431	396	68.48	121	23.375	224	62.95	90	18.532	173	25.43	59
März 1	27.029	199	61.05	111	13.035	372	67.27	172	23.151	208	62.05	113	18.359	163	24.84	60
11	26.830	171	59.94	126	12.663	333	65.55	219	22.943	180	60.92	130	18.196	142	24.24	59
21	26.659	134	58.68	136	12.330	284	63.36	259	22.763	142	59.62	141	18.054	113	23.65	54
31	26.525	88	57.32	138	12.046	225	60.77	293	22.621	95	58.21	147	17.941	75	23.11	45
Apr. 10	26.437	35	55.94	135	11.821	158	57.84	322	22.526	41	56.74	144	17.866	33	22.66	33
20	26.402	22	54.59	125	11.663	84	54.62	343	22.485	18	55.30	136	17.833	14	22.33	17
30	26.424	81	53.34	109	11.579	7	51.19	356	22.503	78	53.94	120	17.847	64	22.16	2
Mai 10	26.505	137	52.25	88	11.572	72	47.63	362	22.581	137	52.74	101	17.911	111	22.18	22
20	26.642	192	51.37	63	11.644	149	44.01	359	22.718	193	51.73	76	18.022	158	22.40	43
30	26.834	241	50.74	37	11.793	223	40.42	348	22.911	243	50.97	49	18.180	200	22.83	64
Juni 9	27.075	282	50.37	8	12.016	291	36.94	328	23.154	286	50.48	19	18.380	236	23.47	84
19	27.357	315	50.29	22	12.307	352	33.66	301	23.440	321	50.29	10	18.616	266	24.31	101
29	27.672	342	50.51	49	12.659	403	30.65	264	23.761	348	50.39	38	18.882	288	25.32	116
Juli 9	28.014	358	51.00	76	13.062	443	28.01	221	24.109	366	50.77	67	19.170	304	26.48	128
19	28.372	366	51.76	101	13.505	470	25.80	171	24.475	375	51.44	94	19.474	312	27.76	136
29	28.738	366	52.77	122	13.975	484	24.09	116	24.850	375	52.38	117	19.786	312	29.12	139
Aug. 8	29.104	359	53.99	140	14.459	487	22.93	58	25.225	369	53.55	136	20.098	307	30.51	139
18	29.463	345	55.39	155	14.946	474	22.35	3	25.594	356	54.91	153	20.405	296	31.90	136
28	29.808	327	56.94	166	15.420	450	22.38	64	25.950	336	56.44	166	20.701	280	33.26	128
Sept. 7	30.135	302	58.60	173	15.870	412	23.02	123	26.286	313	58.10	176	20.981	261	34.54	118
17	30.437	275	60.33	178	16.282	365	24.25	179	26.599	286	59.86	182	21.242	238	35.72	106
27	30.712	246	62.11	178	16.647	308	26.04	227	26.885	255	61.68	185	21.480	213	36.78	92
Okt. 7	30.958	213	63.89	177	16.955	244	28.31	267	27.140	222	63.53	185	21.693	186	37.70	78
17	31.171	179	65.66	172	17.199	174	30.98	297	27.362	187	65.38	182	21.879	158	38.48	65
27	31.350	142	67.38	165	17.373	99	33.95	317	27.549	149	67.20	177	22.037	129	39.13	51
Nov. 6	6 31.492	104	69.03	156	7 17.472	25	37.12	324	7 27.698	109	68.97	168	8 22.166	97	39.64	38
15	31.596	64	70.59	144	17.497	49	40.36	318	27.807	68	70.65	156	22.263	65	40.02	27
25	31.660	21	72.03	129	17.448	122	43.54	300	27.875	25	72.21	141	22.328	31	40.29	17
Dez. 5	31.681	21	73.32	111	17.326	188	46.54	272	27.900	21	73.62	123	22.359	4	40.46	6
15	31.660	63	74.43	90	17.138	249	49.26	234	27.879	65	74.85	102	22.355	39	40.52	3
25	31.597	105	75.33	65	16.889	302	51.60	187	27.814	107	75.87	77	22.316	72	40.49	13
35	31.492		75.98		16.587		53.47		27.707		76.64		22.244		40.36	
Mittl. Ort	27.036		61.07		14.603		43.44		23.135		61.40		18.434		31.27	
sec δ, tg δ	1.280		+0.799		1.998		−1.730		1.320		+0.861		1.061		+0.354	
a, a'	+3.8		+14.1		+1.4		+14.0		+3.9		+13.9		+3.4		+13.7	
b, b'	+0.04		− 0.71		−0.08		− 0.71		+0.04		− 0.72		+0.02		− 0.73	

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Tag	117) α Fornacis AR.		117) α Fornacis Dekl.		115) 48 H. Cephei AR.		115) 48 H. Cephei Dekl.		120) α Persei AR.		120) α Persei Dekl.		121) ο Tauri AR.		121) ο Tauri Dekl.	
1942	$3^h\ 9^m$		−29° 12′		$3^h\ 12^m$		+77° 31′		$3^h\ 20^m$		+49° 39′		$3^h\ 21^m$		+8° 49′	
	s		″		s		″		s		″		s		″	
Jan. 0	36.905	133	69.97	152	58.41	65	35.59	196	11.740	154	25.95	103	42.035	83	26.64	58
10	36.772	160	71.49	116	57.76	78	37.55	144	11.586	199	26.98	69	41.952	112	26.06	57
20	36.612	182	72.65	77	56.98	87	38.99	89	11.387	236	27.67	31	41.840	137	25.49	53
30	36.430	197	73.42	35	56.11	93	39.88	30	11.151	262	27.98	7	41.703	156	24.96	49
Febr. 9	36.233	203	73.77	5	55.18	94	40.18	30	10.889	277	27.91	45	41.547	167	24.47	44
19	36.030	201	73.72	47	54.24	93	39.88	88	10.612	276	27.46	81	41.380	168	24.03	38
März 1	35.829	191	73.25	86	53.31	86	39.00	141	10.336	261	26.65	113	41.212	162	23.65	29
11	35.638	170	72.39	125	52.45	75	37.59	188	10.075	232	25.52	141	41.050	144	23.36	18
21	35.468	141	71.14	161	51.70	63	35.71	227	9.843	189	24.11	161	40.906	119	23.18	5
31	35.327	106	69.53	193	51.07	46	33.44	256	9.654	135	22.50	174	40.787	85	23.13	9
Apr. 10	35.221	63	67.60	222	50.61	28	30.88	275	9.519	74	20.76	180	40.702	45	23.22	25
20	35.158	16	65.38	248	50.33	10	28.13	283	9.445	7	18.96	179	40.657	1	23.47	44
30	35.142	33	62.90	267	50.23	10	25.30	280	9.438	61	17.17	169	40.656	45	23.91	63
Mai 10	35.175	82	60.23	282	50.33	29	22.50	268	9.499	130	15.48	152	40.701	91	24.54	82
20	35.257	131	57.41	290	50.62	47	19.82	247	9.629	196	13.96	131	40.792	136	25.36	101
30	35.388	176	54.51	292	51.09	64	17.35	218	9.825	255	12.65	105	40.928	178	26.37	117
Juni 9	35.564	216	51.59	287	51.73	78	15.17	183	10.080	308	11.60	75	41.106	213	27.54	131
19	35.780	251	48.72	274	52.51	90	13.34	142	10.388	351	10.85	43	41.319	244	28.85	143
29	36.031	279	45.98	254	53.41	101	11.92	99	10.739	385	10.42	10	41.563	268	30.28	149
Juli 9	36.310	300	43.44	228	54.42	107	10.93	53	11.124	410	10.32	22	41.831	284	31.77	152
19	36.610	312	41.16	194	55.49	112	10.40	5	11.534	424	10.54	55	42.115	294	33.29	151
29	36.922	317	39.22	154	56.61	115	10.35	41	11.958	429	11.09	85	42.409	298	34.80	144
Aug. 8	37.239	315	37.68	112	57.76	115	10.76	88	12.387	426	11.94	112	42.707	294	36.24	133
18	37.554	305	36.56	64	58.91	112	11.64	132	12.813	415	13.06	136	43.001	286	37.57	119
28	37.859	289	35.92	15	60.03	108	12.96	174	13.228	398	14.42	159	43.287	273	38.76	102
Sept. 7	38.148	268	35.77	34	61.11	101	14.70	211	13.626	374	16.01	177	43.560	255	39.78	82
17	38.416	242	36.11	82	62.12	93	16.81	245	14.000	345	17.78	192	43.815	235	40.60	60
27	38.658	212	36.93	126	63.05	83	19.26	275	14.345	313	19.70	203	44.050	213	41.20	39
Okt. 7	38.870	180	38.19	165	63.88	71	22.01	300	14.658	277	21.73	212	44.263	188	41.59	19
17	39.050	144	39.84	195	64.59	58	25.01	318	14.935	236	23.85	216	44.451	162	41.78	1
27	39.194	108	41.79	219	65.17	43	28.19	329	15.171	193	26.01	216	44.613	133	41.77	18
Nov. 6	[8] 39.302	70	43.98	234	[9] 65.60	28	31.48	334	15.364	145	28.17	213	44.746	104	41.59	31
15	39.372	33	46.32	238	65.88	11	34.82	330	[11] 15.509	96	30.30	205	[11] 44.850	72	41.28	42
25	39.405	5	48.70	233	65.99	6	38.12	317	15.605	42	32.35	192	44.922	40	40.86	49
Dez. 5	39.400	43	51.03	220	65.93	25	41.29	296	15.647	13	34.27	175	44.962	7	40.37	53
15	39.357	79	53.23	198	65.68	40	44.25	265	15.634	67	36.02	152	44.969	28	39.84	57
25	39.278	112	55.21	170	65.28	57	46.90	227	15.567	122	37.54	125	44.941	62	39.27	56
35	39.166		56.91		64.71		49.17		15.445		38.79		44.879		38.71	
Mittl. Ort	36.359		52.92		53.04		28.55		10.182		23.37		41.293		33.96	
sec δ, tg δ	1.146		−0.559		4.629		+4.520		1.545		+1.177		1.012		+0.155	
a, *a′*	+2.5		+13.6		+7.6		+13.4		+4.3		+12.9		+3.2		+12.8	
b, *b′*	−0.03		− 0.74		+0.20		− 0.75		+0.05		− 0.77		+0.01		− 0.77	

Tag	122) 2 H. Camelop. AR.		122) Dekl.		125) 5 Tauri AR.		125) Dekl.		127) ε Eridani[1]) AR.		127) Dekl.		131) δ Persei AR.		131) Dekl.	
1942	3h 24m		+59° 44′		3h 27m		+12° 44′		3h 30m		−9° 39′		3h 38m		+47° 36′	
Jan. 0	23ˢ.332	214	28″.59	146	40ˢ.810	79	15″.02	44	12ˢ.406	91	24″.79	121	48ˢ.616	125	15″.04	108
10	23.118	273	30.05	105	40.731	110	14.58	45	12.315	121	26.00	100	48.491	174	16.12	77
20	22.845	321	31.10	60	40.621	137	14.13	45	12.194	145	27.00	79	48.317	214	16.89	44
30	22.524	354	31.70	14	40.484	157	13.68	45	12.049	164	27.79	55	48.103	245	17.33	9
Febr. 9	22.170	371	31.84	32	40.327	170	13.23	45	11.885	174	28.34	29	47.858	263	17.42	27
19	21.799	370	31.52	78	40.157	172	12.78	41	11.711	177	28.63	4	47.595	268	17.15	61
März 1	21.429	351	30.74	120	39.985	166	12.37	37	11.534	171	28.67	22	47.327	259	16.54	93
11	21.078	313	29.54	155	39.819	149	12.00	31	11.363	154	28.45	48	47.068	235	15.61	120
21	20.765	259	27.99	185	39.670	124	11.69	22	11.209	130	27.97	73	46.833	198	14.41	142
31	20.506	191	26.14	206	39.546	90	11.47	9	11.079	98	27.24	100	46.635	150	12.99	156
Apr. 10	20.315	114	24.08	217	39.456	50	11.38	5	10.981	60	26.24	123	46.485	93	11.43	165
20	20.201	30	21.91	221	39.406	6	11.43	21	10.921	17	25.01	147	46.392	30	9.78	165
30	20.171	57	19.70	216	39.400	41	11.64	39	10.904	29	23.54	168	46.362	36	8.13	158
Mai 10	20.228	143	17.54	203	39.441	88	12.03	58	10.933	74	21.86	186	46.398	102	6.55	146
20	20.371	226	15.51	182	39.529	134	12.61	76	11.007	119	20.00	200	46.500	167	5.09	128
30	20.597	302	13.69	155	39.663	176	13.37	94	11.126	160	18.00	210	46.667	226	3.81	105
Juni 9	20.899	368	12.14	125	39.839	213	14.31	110	11.286	197	15.90	216	46.893	279	2.76	78
19	21.267	424	10.89	90	40.052	244	15.41	123	11.483	229	13.74	216	47.172	323	1.98	50
29	21.691	469	9.99	53	40.296	269	16.64	132	11.712	255	11.58	209	47.495	359	1.48	20
Juli 9	22.160	503	9.46	15	40.565	286	17.96	139	11.967	273	9.49	197	47.854	387	1.28	10
19	22.663	523	9.31	23	40.851	297	19.35	140	12.240	285	7.52	181	48.241	404	1.38	39
29	23.186	532	9.54	59	41.148	301	20.75	137	12.525	290	5.71	157	48.645	413	1.77	66
Aug. 8	23.718	531	10.13	95	41.449	299	22.12	131	12.815	289	4.14	129	49.058	415	2.43	93
18	24.249	521	11.08	129	41.748	291	23.43	121	13.104	282	2.85	97	49.473	407	3.36	116
28	24.770	501	12.37	159	42.039	279	24.64	107	13.386	269	1.88	62	49.880	394	4.52	136
Sept. 7	25.271	473	13.96	187	42.318	262	25.71	90	13.655	253	1.26	26	50.274	375	5.88	154
17	25.744	439	15.83	209	42.580	243	26.61	73	13.908	233	1.00	10	50.649	351	7.42	168
27	26.183	398	17.92	227	42.823	220	27.34	55	14.141	209	1.10	45	51.000	323	9.10	180
Okt. 7	26.581	351	20.19	243	43.043	197	27.89	36	14.350	184	1.55	77	51.323	290	10.90	188
17	26.932	299	22.62	255	43.240	170	28.25	20	14.534	156	2.32	105	51.613	255	12.78	194
27	27.231	242	25.17	260	43.410	143	28.45	5	14.690	128	3.37	127	51.868	214	14.72	197
Nov. 6	27.473	179	27.77	262	43.553	112	28.50	8	14.818	96	4.64	143	52.082	170	16.69	195
15*)	27.652	113	30.39	256	43.665	81	28.42	19	14.914	64	6.07	152	52.252	122	18.64	190
25	27.765	43	32.95	245	43.746	48	28.23	27	14.978	31	7.59	156	52.374	71	20.54	182
Dez. 5	27.808	30	35.40	226	43.794	13	27.96	32	15.009	3	9.15	151	52.445	17	22.36	168
15	27.778	103	37.66	202	43.807	22	27.64	37	15.006	37	10.66	143	52.462	37	24.04	150
25	27.675	173	39.68	171	43.785	57	27.27	39	14.969	70	12.09	129	52.425	93	25.54	126
35	27.502		41.39		43.728		26.88		14.899		13.38		52.332		26.80	
Mittl. Ort	21.182		24.55		40.009		21.50		11.743		12.31		47.072		14.09	
sec δ, tg δ	1.984		+1.714		1.025		+0.226		1.014		−0.170		1.483		+1.095	
a, *a′*	+4.9		+12.6		+3.3		+12.4		+2.9		+12.2		+4.3		+11.6	
b, *b′*	+0.07		− 0.78		+0.01		− 0.79		−0.01		− 0.79		+0.04		− 0.82	

[1]) Die jährliche Parallaxe (0″.310) ist bereits berücksichtigt.

*) Bei Stern 131) lies Nov. 16.

Scheinbare Sternörter 1942

Tag		134) ν Persei				141) β Reticuli				139) η Tauri				138) γ Camelop.			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942		$3^h\ 41^m$		$+42°\ 23'$		$3^h\ 43^m$		$-64°\ 59'$		$3^h\ 44^m$		$+23°\ 55'$		$3^h\ 44^m$		$+71°\ 9'$	
		s		"		s		"		s		"		s		"	
Jan.	0	16.054	106	49.30	86	29.43	38	42.52	207	2.884	74	33.99	6	15.61	33	26.57	204
	10	15.948	151	50.16	61	29.05	42	44.59	154	2.810	110	34.05	5	15.28	44	28.61	161
	20	15.797	189	50.77	33	28.63	48	46.13	98	2.700	142	34.00	15	14.84	52	30.22	113
	30	15.608	218	51.10	1	28.15	51	47.11	41	2.558	166	33.85	27	14.32	57	31.35	60
Febr.	9	15.390	236	51.11	29	27.64	51	47.52	17	2.392	183	33.58	38	13.75	61	31.95	5
	19	15.154	241	50.82	57	27.13	52	47.35	74	2.209	189	33.20	47	13.14	62	32.00	50
März	1	14.913	234	50.25	84	26.61	50	46.61	128	2.020	184	32.73	54	12.52	59	31.50	101
	11	14.679	214	49.41	107	26.11	47	45.33	178	1.836	169	32.19	59	11.93	54	30.49	147
	21	14.465	181	48.34	125	25.64	42	43.55	223	1.667	144	31.60	61	11.39	47	29.02	188
	31	14.284	137	47.09	135	25.22	36	41.32	264	1.523	109	30.99	59	10.92	37	27.14	220
Apr.	10	14.147	84	45.74	141	24.86	28	38.68	299	1.414	67	30.40	52	10.55	25	24.94	243
	20	14.063	27	44.33	140	24.58	21	35.69	325	1.347	21	29.88	42	10.30	13	22.51	255
	30	14.036	33	42.93	132	24.37	12	32.44	346	1.326	29	29.46	29	10.17	0	19.96	259
Mai	10	14.069	95	41.61	118	24.25	3	28.98	359	1.355	80	29.17	13	10.17	13	17.37	253
	20	14.164	154	40.43	100	24.22	6	25.39	363	1.435	128	29.04	6	10.30	26	14.84	238
	30	14.318	208	39.43	79	24.28	16	21.76	359	1.563	173	29.10	24	10.56	38	12.46	217
Juni	9	14.526	257	38.64	53	24.44	24	18.17	345	1.736	214	29.34	44	10.94	49	10.29	187
	19	14.783	299	38.11	27	24.68	32	14.72	324	1.950	249	29.78	62	11.43	58	8.42	154
	29	15.082	332	37.84	0	25.00	39	11.48	294	2.199	276	30.40	77	12.01	65	6.88	117
Juli	9	15.414	358	37.84	26	25.39	45	8.54	255	2.475	297	31.17	92	12.66	72	5.71	76
	19	15.772	373	38.10	52	25.84	50	5.99	210	2.772	311	32.09	103	13.38	76	4.95	34
	29	16.145	382	38.62	74	26.34	54	3.89	157	3.083	317	33.12	110	14.14	79	4.61	9
Aug.	8	16.527	383	39.36	97	26.88	55	2.32	99	3.400	317	34.22	115	14.93	80	4.70	51
	18	16.910	376	40.33	115	27.43	56	1.33	38	3.717	313	35.37	115	15.73	79	5.21	92
	28	17.286	365	41.48	131	27.99	55	0.95	24	4.030	302	36.52	113	16.52	79	6.13	131
Sept.	7	17.651	347	42.79	144	28.54	51	1.19	87	4.332	287	37.65	108	17.31	74	7.44	167
	17	17.998	325	44.23	154	29.05	48	2.06	147	4.619	270	38.73	102	18.05	70	9.11	200
	27	18.323	300	45.77	161	29.53	43	3.53	203	4.889	248	39.75	93	18.75	64	11.11	230
Okt.	7	18.623	271	47.38	166	29.96	35	5.56	250	5.137	225	40.68	83	19.39	58	13.41	255
	17	18.894	238	49.04	168	30.31	28	8.06	289	5.362	199	41.51	74	19.97	50	15.96	276
	27	19.132	202	50.72	169	30.59	19	10.95	317	5.561	171	42.25	64	20.47	40	18.72	291
Nov.	6	19.334	162	52.41	166	30.78	11	14.12	333	5.732	140	42.89	56	20.87	31	21.63	300
	16	16 19.496	120	54.07	161	17 30.89	1	17.45	336	17 5.872	105	43.45	48	17 21.18	20	24.63	303
	25	19.616	73	55.68	151	30.90	8	20.81	326	5.977	70	43.93	39	21.38	9	27.66	296
Dez.	5	19.689	25	57.19	140	30.82	17	24.07	306	6.047	31	44.32	32	21.47	+	30.62	283
	15	19.714	26	58.59	123	30.65	25	27.13	274	6.078	8	44.64	23	21.43	15	33.45	261
	25	19.688	75	59.82	104	30.40	33	29.87	233	6.070	49	44.87	15	21.28	27	36.06	230
	35	19.613		60.86		30.07		32.20		6.021		45.02		21.01		38.36	
Mittl. Ort		14.682		49.51		27.90		20.54		1.891		38.36		11.94		22.59	
sec δ, tg δ		1.354		+0.913		2.365		−2.144		1.094		+0.444		3.096		+2.930	
a, *a′*		+4.1		+11.4		+0.7		+11.2		+3.6		+11.2		+6.3		+11.2	
b, *b′*		+0.03		− 0.82		−0.08		− 0.83		+0.02		− 0.83		+0.11		− 0.83	

Tag	140) τ^6 Eridani AR.	Δ	Dekl.	Δ	143) 138 G. Eridani AR.	Δ	Dekl.	Δ	146) γ Hydri AR.	Δ	Dekl.	Δ	144) ζ Persei AR.	Δ	Dekl.	Δ
1942	$3^h\ 44^m$		$-23°\ 24'$		$3^h\ 47^m$		$-36°\ 22'$		$3^h\ 48^m$		$-74°\ 24'$		$3^h\ 50^m$		$+31°\ 42'$	
Jan. 0	21.815	101	87.20	168	17.761	134	47.40	196	9.51	64	84.00	203	29.936	77	43.93	43
10	21.714	133	88.88	138	17.627	170	49.36	157	8.87	74	86.03	149	29.859	117	44.36	26
20	21.581	161	90.26	105	17.457	200	50.93	114	8.13	80	87.52	94	29.742	153	44.62	9
30	21.420	183	91.31	68	17.257	222	52.07	68	7.33	84	88.46	35	29.589	180	44.71	10
Febr. 9	21.237	196	91.99	31	17.035	237	52.75	21	6.49	86	88.81	23	29.409	198	44.61	29
19	21.041	201	92.30	7	16.798	241	52.96	25	5.63	86	88.58	80	29.211	206	44.32	47
März 1	20.840	196	92.23	44	16.557	235	52.71	70	4.77	83	87.78	133	29.005	202	43.85	63
11	20.644	182	91.79	80	16.322	220	52.01	115	3.94	77	86.45	184	28.803	187	43.22	76
21	20.462	159	90.99	115	16.102	194	50.86	156	3.17	71	84.61	229	28.616	160	42.46	85
31	20.303	127	89.84	148	15.908	160	49.30	193	2.46	61	82.32	268	28.456	123	41.61	89
Apr. 10	20.176	90	88.36	178	15.748	119	47.37	227	1.85	51	79.64	301	28.333	79	40.72	88
20	20.086	46	86.58	205	15.629	72	45.10	257	1.34	39	76.63	328	28.254	30	39.84	84
30	20.040	0	84.53	228	15.557	21	42.53	280	0.95	25	73.35	347	28.224	23	39.00	73
Mai 10	20.040	49	82.25	247	15.536	32	39.73	298	0.70	12	69.88	358	28.247	77	38.27	59
20	20.089	95	79.78	260	15.568	83	36.75	309	0.58	2	66.30	362	28.324	129	37.68	43
30	20.184	140	77.18	267	15.651	135	33.66	313	0.60	16	62.68	357	28.453	178	37.25	22
Juni 9	20.324	182	74.51	267	15.786	182	30.53	309	0.76	30	59.11	342	28.631	222	37.03	3
19	20.506	217	71.84	262	15.968	223	27.44	298	1.06	42	55.69	320	28.853	259	37.00	19
29	20.723	248	69.22	249	16.191	260	24.46	279	1.48	54	52.49	289	29.112	290	37.19	40
Juli 9	20.971	272	66.73	229	16.451	288	21.67	251	2.02	64	49.60	250	29.402	313	37.59	58
19	21.243	289	64.44	203	16.739	310	19.16	217	2.66	72	47.10	204	29.715	328	38.17	75
29	21.532	298	62.41	169	17.049	323	16.99	175	3.38	79	45.06	151	30.043	337	38.92	89
Aug. 8	21.830	301	60.72	131	17.372	329	15.24	129	4.17	83	43.55	93	30.380	339	39.81	101
18	22.131	298	59.41	88	17.701	328	13.95	78	5.00	83	42.62	31	30.719	334	40.82	110
28	22.429	289	58.53	43	18.029	319	13.17	24	5.83	83	42.31	31	31.053	324	41.92	115
Sept. 7	22.718	274	58.10	5	18.348	303	12.93	31	6.66	79	42.62	93	31.377	310	43.07	117
17	22.992	255	58.15	50	18.651	281	13.24	85	7.45	73	43.55	153	31.687	293	44.24	119
27	23.247	231	58.65	95	18.932	255	14.09	135	8.18	64	45.08	208	31.980	271	45.43	118
Okt. 7	23.478	205	59.60	135	19.187	224	15.44	180	8.82	54	47.16	255	32.251	247	46.61	114
17	23.683	176	60.95	170	19.411	189	17.24	219	9.36	40	49.71	293	32.498	220	47.75	110
27	23.859	144	62.65	197	19.600	150	19.43	249	9.76	28	52.64	320	32.718	189	48.85	107
Nov. 6	24.003	109	64.62	215	19.750	109	21.92	268	10.04	12	55.84	335	32.907	157	49.92	100
16	24.112	73	66.77	226	19.859	66	24.60	278	10.16	2	59.19	338	33.064	120	50.92	95
25	[17] 24.185	37	69.03	227	[18] 19.925	23	27.38	276	[15] 10.14	18	62.57	327	[19] 33.184	81	51.87	86
Dez. 5	24.222	2	71.30	220	19.948	23	30.14	265	9.96	32	65.84	305	33.265	38	52.73	78
15	24.220	40	73.50	205	19.925	66	32.79	244	9.64	46	68.89	272	33.303	5	53.51	68
25	24.180	77	75.55	182	19.859	108	35.23	215	9.18	57	71.61	231	33.298	49	54.19	54
35	24.103		77.37		19.751		37.38		8.61		73.92		33.249		54.73	
Mittl. Ort	21.069		71.64		16.927		29.33		6.92		61.64		28.794		46.87	
sec δ, tg δ	1.090		−0.433		1.242		−0.737		3.723		−3.586		1.175		+0.618	
a, a'	+2.6		+11.2		+2.2		+11.0		−0.9		+10.9		+3.8		+10.7	
b, b'	−0.02		− 0.83		−0.03		− 0.84		−0.13		− 0.84		+0.02		− 0.84	

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Tag	145) 9 H. Camelop. AR.		145) Dekl.		147) ε Persei AR.		147) Dekl.		148) ξ Persei AR.		148) Dekl.		149) γ Eridani AR.		149) Dekl.	
1942	$3^h\ 52^m$		+60° 56′		$3^h\ 53^m$		+39° 50′		$3^h\ 55^m$		+35° 37′		$3^h\ 55^m$		−13° 40′	
Jan. 0	12.79	19	30.56	172	58.570	88	37.53	81	12.923	79	31.12	62	20.079	77	33.54	146
10	12.60	25	32.28	135	58.482	134	38.34	59	12.844	122	31.74	44	20.002	111	35.00	122
20	12.35	31	33.63	94	58.348	172	38.93	35	12.722	159	32.18	23	19.891	140	36.22	98
30	12.04	36	34.57	50	58.176	203	39.28	8	12.563	189	32.41	1	19.751	162	37.20	70
Febr. 9	11.68	38	35.07	3	57.973	224	39.36	20	12.374	209	32.42	22	19.589	179	37.90	41
19	11.30	39	35.10	44	57.749	233	39.16	45	12.165	218	32.20	45	19.410	186	38.31	11
März 1	10.91	39	34.66	89	57.516	228	38.71	71	11.947	215	31.75	64	19.224	184	38.42	18
11	10.52	35	33.77	128	57.288	212	38.00	92	11.732	199	31.11	82	19.040	172	38.24	48
21	10.17	31	32.49	162	57.076	182	37.08	108	11.533	171	30.29	94	18.868	151	37.76	77
31	9.86	24	30.87	189	56.894	143	36.00	119	11.362	134	29.35	103	18.717	122	36.99	105
Apr. 10	9.62	17	28.98	208	56.751	94	34.81	125	11.228	89	28.32	106	18.595	86	35.94	132
20	9.45	8	26.90	218	56.657	39	33.56	124	11.139	37	27.26	102	18.509	45	34.62	157
30	9.37	1	24.72	219	56.618	19	32.32	118	11.102	18	26.24	95	18.464	0	33.05	180
Mai 10	9.38	9	22.53	212	56.637	77	31.14	106	11.120	74	25.29	83	18.464	46	31.25	199
20	9.47	18	20.41	199	56.714	135	30.08	90	11.194	128	24.46	66	18.510	91	29.26	214
30	9.65	27	18.42	177	56.849	189	29.18	70	11.322	180	23.80	47	18.601	134	27.12	224
Juni 9	9.92	34	16.65	151	57.038	238	28.48	49	11.502	226	23.33	26	18.735	173	24.88	230
19	10.26	40	15.14	121	57.276	278	27.99	24	11.728	265	23.07	4	18.908	208	22.58	229
29	10.66	45	13.93	88	57.554	313	27.75	0	11.993	298	23.03	18	19.116	238	20.29	223
Juli 9	11.11	50	13.05	52	57.867	339	27.75	24	12.291	322	23.21	40	19.354	260	18.06	210
19	11.61	53	12.53	16	58.206	357	27.99	47	12.613	340	23.61	59	19.614	277	15.96	191
29	12.14	55	12.37	20	58.563	367	28.46	68	12.953	349	24.20	76	19.891	287	14.05	166
Aug. 8	12.69	55	12.57	56	58.930	370	29.14	86	13.302	352	24.96	91	20.178	291	12.39	136
18	13.24	55	13.13	90	59.300	367	30.00	103	13.654	348	25.87	104	20.469	288	11.03	101
28	13.79	54	14.03	122	59.667	357	31.03	116	14.002	340	26.91	113	20.757	280	10.02	63
Sept. 7	14.33	51	15.25	151	60.024	343	32.19	127	14.342	326	28.04	120	21.037	269	9.39	23
17	14.84	49	16.76	178	60.367	323	33.46	136	14.668	308	29.24	125	21.306	252	9.16	17
27	15.33	46	18.54	201	60.690	301	34.82	141	14.976	286	30.49	126	21.558	232	9.33	56
Okt. 7	15.79	41	20.55	220	60.991	275	36.23	146	15.262	262	31.75	128	21.790	209	9.89	92
17	16.20	36	22.75	237	61.266	245	37.69	148	15.524	234	33.03	127	21.999	184	10.81	123
27	16.56	31	25.12	248	61.511	211	39.17	148	15.758	203	34.30	125	22.183	155	12.04	149
Nov. 6	16.87	24	27.60	255	61.722	174	40.65	146	15.961	169	35.55	122	22.338	124	13.53	168
16	19 17.11	17	30.15	256	20 61.896	134	42.11	143	20 16.130	130	36.77	117	20 22.462	92	15.21	179
25	17.28	10	32.71	251	62.030	90	43.54	135	16.260	88	37.94	110	22.554	57	17.00	183
Dez. 5	17.38	2	35.22	239	62.120	42	44.89	126	16.348	44	39.04	101	22.611	21	18.83	181
15	17.40	5	37.61	220	62.162	8	46.15	113	16.392	2	40.05	90	22.632	16	20.64	170
25	17.35	14	39.81	194	62.154	57	47.28	96	16.390	50	40.95	76	22.616	54	22.34	155
35	17.21		41.75		62.097		48.24		16.340		41.71		22.562		23.89	
Mittl. Ort	10.43		28.41		57.231		39.01		11.686		33.50		19.289		20.13	
sec δ, tg δ	2.059		+1.800		1.302		+0.834		1.230		+0.717		1.029		−0.243	
a, *a′*	+5.1		+10.6		+4.0		+10.5		+3.9		+10.4		+2.8		+10.4	
b, *b′*	+0.06		− 0.85		+0.03		− 0.85		+0.02		− 0.86		−0.01		− 0.86	

Tag	150) λ Tauri				151) ν Tauri				152) 48 Persei				154) o¹ Eridani			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$3^h\ 57^m$		+12° 19′		$4^h\ 0^m$		+5° 49′		$4^h\ 4^m$		+47° 33′		$4^h\ 9^m$		−6° 59′	
Jan. 0	28.694	59	32.94	44	4.918	59	38.40	73	28.085	97	33.97	122	2.768	61	26.84	127
10	28.635	95	32.50	43	4.859	94	37.67	65	27.988	151	35.19	96	2.707	96	28.11	109
20	28.540	127	32.07	42	4.765	124	37.02	58	27.837	197	36.15	67	2.611	127	29.20	90
30	28.413	152	31.65	39	4.641	150	36.44	50	27.640	234	36.82	33	2.484	153	30.10	68
Febr. 9	28.261	169	31.26	38	4.491	167	35.94	40	27.406	259	37.15	1	2.331	171	30.78	45
19	28.092	178	30.88	34	4.324	175	35.54	30	27.147	272	37.14	34	2.160	181	31.23	22
März 1	27.914	177	30.54	30	4.149	175	35.24	18	26.875	269	36.80	68	1.979	181	31.45	1
11	27.737	164	30.24	24	3.974	164	35.06	6	26.606	251	36.12	97	1.798	171	31.44	27
21	27.573	143	30.00	15	3.810	143	35.00	7	26.355	220	35.15	121	1.627	153	31.17	50
31	27.430	113	29.85	6	3.667	114	35.07	23	26.135	177	33.94	140	1.474	126	30.67	74
Apr. 10	27.317	76	29.79	7	3.553	78	35.30	39	25.958	123	32.54	152	1.348	91	29.93	98
20	27.241	33	29.86	22	3.475	37	35.69	56	25.835	63	31.02	158	1.257	52	28.95	121
30	27.208	13	30.08	37	3.438	8	36.25	74	25.772	2	29.44	156	1.205	8	27.74	142
Mai 10	27.221	60	30.45	54	3.446	54	36.99	92	25.774	68	27.88	149	1.197	38	26.32	161
20	27.281	106	30.99	71	3.500	99	37.91	108	25.842	133	26.39	135	1.235	82	24.71	177
30	27.387	149	31.70	87	3.599	141	38.99	123	25.975	195	25.04	117	1.317	125	22.94	190
Juni 9	27.536	188	32.57	101	3.740	181	40.22	135	26.170	249	23.87	95	1.442	164	21.04	197
19	27.724	223	33.58	113	3.921	214	41.57	143	26.419	298	22.92	70	1.606	200	19.07	201
29	27.947	250	34.71	122	4.135	242	43.00	149	26.717	339	22.22	44	1.806	228	17.06	199
Juli 9	28.197	272	35.93	127	4.377	264	44.49	150	27.056	370	21.78	16	2.034	253	15.07	191
19	28.469	286	37.20	128	4.641	279	45.99	145	27.426	393	21.62	11	2.287	269	13.16	178
29	28.755	295	38.48	126	4.920	288	47.44	137	27.819	407	21.73	38	2.556	281	11.38	159
Aug. 8	29.050	297	39.74	118	5.208	290	48.81	124	28.226	414	22.11	62	2.837	286	9.79	134
18	29.347	295	40.92	108	5.498	289	50.05	108	28.640	412	22.73	86	3.123	285	8.45	106
28	29.642	287	42.00	94	5.787	281	51.13	87	29.052	405	23.59	106	3.408	280	7.39	74
Sept. 7	29.929	274	42.94	78	6.068	270	52.00	64	29.457	391	24.65	125	3.688	269	6.65	39
17	30.203	260	43.72	61	6.338	255	52.64	41	29.848	372	25.90	141	3.957	256	6.26	4
27	30.463	241	44.33	41	6.593	237	53.05	16	30.220	349	27.31	154	4.213	239	6.22	30
Okt. 7	30.704	220	44.74	24	6.830	217	53.21	6	30.569	320	28.85	166	4.452	219	6.52	63
17	30.924	197	44.98	8	7.047	194	53.15	27	30.889	287	30.51	174	4.671	195	7.15	92
27	31.121	171	45.06	7	7.241	168	52.88	44	31.176	251	32.25	180	4.866	170	8.07	116
Nov. 6	31.292	143	44.99	19	7.409	140	52.44	59	31.427	208	34.05	183	5.036	141	9.23	134
16	21 31.435	111	44.80	29	21 7.549	109	51.85	69	22 31.635	161	35.88	183	23 5.177	109	10.57	145
25	31.546	77	44.51	35	7.658	76	51.16	75	31.796	110	37.71	179	5.286	75	12.02	151
Dez. 5	31.623	41	44.16	38	7.734	40	50.41	77	31.906	54	39.50	170	5.361	40	13.53	151
15	31.664	3	43.78	41	7.774	3	49.64	77	31.960	3	41.20	157	5.401	2	15.04	145
25	31.667	35	43.37	41	7.777	34	48.87	73	31.957	61	42.77	139	5.403	36	16.49	132
35	31.632		42.96		7.743		48.14		31.896		44.16		5.367		17.81	
Mittl. Ort	27.789		40.49		4.050		47.49		26.467		34.73		1.915		14.82	
sec δ, tg δ	1.024		+0.218		1.005		+0.102		1.482		+1.094		1.007		−0.123	
a, a′	+3.3		+10.2		+3.2		+10.0		+4.4		+9.7		+2.9		+9.3	
b, b′	+0.01		−0.86		0.00		−0.87		+0.04		−0.88		0.00		−0.89	

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Tag		155) α Horologii AR.		155) α Horologii Dekl.		156) α Reticuli AR.		156) α Reticuli Dekl.		160) υ⁴ Eridani *m* AR.		160) υ⁴ Eridani *m* Dekl.		162) δ Tauri AR.		162) δ Tauri Dekl.	
1942		$4^h\ 12^m$		$-42°25'$		$4^h\ 13^m$		$-62°36'$		$4^h\ 15^m$		$-33°56'$		$4^h\ 19^m$		$+17°24'$	
		s		"		s		"		s		"		s		"	
Jan.	0	5.747	139	89.41	228	42.14	30	87.42	243	42.860	105	36.77	214	36.186	43	21.96	20
	10	5.608	182	91.69	188	41.84	36	89.85	195	42.755	145	38.91	179	36.143	83	21.76	21
	20	5.426	219	93.57	143	41.48	41	91.80	143	42.610	180	40.70	140	36.060	119	21.55	23
	30	5.207	247	95.00	94	41.07	45	93.23	87	42.430	208	42.10	96	35.941	148	21.32	25
Febr.	9	4.960	266	95.94	45	40.62	48	94.10	30	42.222	227	43.06	51	35.793	171	21.07	27
	19	4.694	276	96.39	6	40.14	48	94.40	26	41.995	237	43.57	5	35.622	183	20.80	30
März	1	4.418	275	96.33	56	39.66	48	94.14	81	41.758	237	43.62	39	35.439	185	20.50	31
	11	4.143	262	95.77	103	39.18	46	93.33	134	41.521	227	43.23	84	35.254	177	20.19	30
	21	3.881	239	94.74	148	38.72	43	91.99	184	41.294	207	42.39	125	35.077	159	19.89	27
	31	3.642	206	93.26	190	38.29	37	90.15	227	41.087	178	41.14	164	34.918	130	19.62	23
Apr.	10	3.436	165	91.36	227	37.92	32	87.88	266	40.909	140	39.50	200	34.788	94	19.39	16
	20	3.271	117	89.09	260	37.60	24	85.22	299	40.769	96	37.50	232	34.694	52	19.23	5
	30	3.154	64	86.49	286	37.36	17	82.23	325	40.673	48	35.18	258	34.642	6	19.18	7
Mai	10	3.090	9	83.63	308	37.19	8	78.98	345	40.625	2	32.60	279	34.636	41	19.25	20
	20	3.081	48	80.55	321	37.11	0	75.53	356	40.627	54	29.81	295	34.677	89	19.45	36
	30	3.129	102	77.34	327	37.11	9	71.97	358	40.681	103	26.86	303	34.766	133	19.81	50
Juni	9	3.231	156	74.07	326	37.20	17	68.39	352	40.784	150	23.83	304	34.899	175	20.31	65
	19	3.387	203	70.81	315	37.37	24	64.87	337	40.934	193	20.79	298	35.074	212	20.96	77
	29	3.590	246	67.66	297	37.61	32	61.50	313	41.127	231	17.81	282	35.286	242	21.73	88
Juli	9	3.836	282	64.69	271	37.93	38	58.37	280	41.358	263	14.99	260	35.528	266	22.61	97
	19	4.118	311	61.98	235	38.31	44	55.57	239	41.621	287	12.39	230	35.794	284	23.58	102
	29	4.429	331	59.63	194	38.75	47	53.18	191	41.908	305	10.09	192	36.078	296	24.60	103
Aug.	8	4.760	344	57.69	145	39.22	50	51.27	137	42.213	316	8.17	149	36.374	302	25.63	101
	18	5.104	349	56.24	92	39.72	51	49.90	77	42.529	319	6.68	101	36.676	302	26.64	95
	28	5.453	346	55.32	35	40.23	51	49.13	15	42.848	316	5.67	48	36.978	297	27.59	87
Sept.	7	5.799	334	54.97	23	40.74	50	48.98	49	43.164	307	5.19	6	37.275	289	28.46	75
	17	6.133	316	55.20	80	41.24	48	49.47	111	43.471	291	5.25	60	37.564	277	29.21	64
	27	6.449	292	56.00	136	41.72	43	50.58	170	43.762	270	5.85	111	37.841	262	29.85	50
Okt.	7	6.741	261	57.36	186	42.15	37	52.28	224	44.032	244	6.96	160	38.103	243	30.35	35
	17	7.002	225	59.22	230	42.52	32	54.52	269	44.276	214	8.56	202	38.346	222	30.70	24
	27	7.227	184	61.52	264	42.84	24	57.21	304	44.490	180	10.58	235	38.568	198	30.94	14
Nov.	6	7.411	140	64.16	288	43.08	16	60.25	327	44.670	142	12.93	260	38.766	169	31.08	3
	16	7.551	92	67.04	302	43.24	8	63.52	339	44.812	102	15.53	274	38.935	138	31.11	3
	25*)	$_{24}$7.643	41	70.06	305	$_{25}$43.32	0	66.91	339	$_{25}$44.914	58	18.27	277	$_{26}$39.073	104	31.08	8
Dez.	5	7.684	8	73.11	295	43.32	10	70.30	325	44.972	13	21.04	271	39.177	65	31.00	12
	15	7.676	59	76.06	275	43.22	17	73.55	300	44.985	33	23.75	256	39.242	26	30.88	14
	25	7.617	109	78.81	247	43.05	25	76.55	266	44.952	76	26.31	232	39.268	17	30.74	16
	35	7.508		81.28		42.80		79.21		44.876		28.63		39.251		30.58	
Mittl. Ort		4.663		71.09		40.34		67.01		41.869		19.81		35.168		29.14	
sec δ, tg δ		1.355		−0.914		2.174		−1.931		1.205		−0.673		1.048		+0.314	
a, *a′*		+2.0		+9.1		+0.8		+9.0		+2.3		+8.8		+3.5		+8.5	
b, *b′*		−0.03		−0.89		−0.06		−0.89		−0.02		−0.90		+0.01		−0.91	

*) Bei Stern 162) lies Nov. 26.

Tag	164) ε Tauri AR.	Diff.	164) ε Tauri Dekl.	Diff.	168) α Tauri AR.	Diff.	168) α Tauri Dekl.	Diff.	171) α Doradus AR.	Diff.	171) α Doradus Dekl.	Diff.	169) ν Eridani AR.	Diff.	169) ν Eridani Dekl.	Diff.
1942	$4^h\ 25^m$		$+19°\ 3'$		$4^h\ 32^m$		$+16°\ 23'$		$4^h\ 32^m$		$-55°\ 9'$		$4^h\ 33^m$		$-3°\ 28'$	
	s		″		s		″		s		″		s		″	
Jan. 0	14.608	39	5.35	11	36.402	33	31.67	24	46.023	194	69.92	261	26.064	40	22.04	121
10	14.569	80	5.24	13	36.369	74	31.43	25	45.829	252	72.53	218	26.024	78	23.25	105
20	14.489	117	5.11	17	36.295	111	31.18	24	45.577	301	74.71	170	25.946	114	24.30	88
30	14.372	148	4.94	19	36.184	143	30.94	25	45.276	339	76.41	118	25.832	143	25.18	70
Febr. 9	14.224	171	4.75	24	36.041	167	30.69	25	44.937	367	77.59	63	25.689	165	25.88	50
19	14.053	185	4.51	27	35.874	183	30.44	26	44.570	382	78.22	8	25.524	180	26.38	29
März 1	13.868	189	4.24	30	35.691	187	30.18	26	44.188	383	78.30	46	25.344	184	26.67	9
11	13.679	181	3.94	32	35.504	180	29.92	25	43.805	371	77.84	99	25.160	178	26.76	12
21	13.498	162	3.62	31	35.324	164	29.67	22	43.434	347	76.85	148	24.982	163	26.64	34
31	13.336	135	3.31	27	35.160	138	29.45	17	43.087	310	75.37	194	24.819	139	26.30	54
Apr. 10	13.201	99	3.04	22	35.022	104	29.28	9	42.777	263	73.43	236	24.680	107	25.76	77
20	13.102	57	2.82	14	34.918	63	29.19	0	42.514	208	71.07	272	24.573	69	24.99	97
30	13.045	11	2.68	3	34.855	18	29.19	12	42.306	145	68.35	302	24.504	27	24.02	117
Mai 10	13.034	37	2.65	11	34.837	29	29.31	24	42.161	78	65.33	326	24.477	18	22.85	135
20	13.071	84	2.76	24	34.866	75	29.55	38	42.083	9	62.07	341	24.495	61	21.50	152
30	13.155	129	3.00	39	34.941	121	29.93	52	42.074	60	58.66	349	24.556	105	19.98	165
Juni 9	13.284	172	3.39	53	35.062	162	30.45	65	42.134	129	55.17	348	24.661	146	18.33	175
19	13.456	209	3.92	67	35.224	199	31.10	77	42.263	193	51.69	338	24.807	181	16.58	180
29	13.665	240	4.59	77	35.423	231	31.87	87	42.456	252	48.31	320	24.988	212	14.78	181
Juli 9	13.905	265	5.36	87	35.654	257	32.74	94	42.708	303	45.11	292	25.200	238	12.97	176
19	14.170	285	6.23	93	35.911	276	33.68	98	43.011	348	42.19	256	25.438	258	11.21	165
29	14.455	297	7.16	94	36.187	289	34.66	98	43.359	383	39.63	212	25.696	272	9.56	150
Aug. 8	14.752	303	8.10	95	36.476	298	35.64	95	43.742	408	37.51	161	25.968	280	8.06	130
18	15.055	305	9.05	91	36.774	293	36.59	89	44.150	422	35.90	105	26.248	284	6.76	105
28	15.360	301	9.96	84	37.067	304	37.48	79	44.572	427	34.85	44	26.532	281	5.71	76
Sept. 7	15.661	294	10.80	75	37.371	291	38.27	67	44.999	420	34.41	19	26.813	276	4.95	45
17	15.955	282	11.55	64	37.662	280	38.94	54	45.419	403	34.60	82	27.089	265	4.50	13
27	16.237	267	12.19	51	37.942	268	39.48	40	45.822	376	35.42	142	27.354	252	4.37	20
Okt. 7	16.504	250	12.70	41	38.210	251	39.88	25	46.198	339	36.84	197	27.606	236	4.57	51
17	16.754	229	13.11	29	38.461	230	40.13	12	46.537	294	38.81	246	27.842	215	5.08	78
27	16.983	204	13.40	19	38.691	208	40.25	2	46.831	241	41.27	285	28.057	192	5.86	101
Nov. 6	17.187	177	13.59	11	38.899	181	40.27	8	47.072	181	44.12	314	28.249	166	6.87	120
16	17.364	146	13.70	6	39.080	150	40.19	14	47.253	117	47.26	331	28.415	135	8.07	132
26	(28) 17.510	111	13.76	0	(29) 39.230	116	40.05	19	(29) 47.370	50	50.57	336	(30) 28.550	102	9.39	138
Dez. 5	17.621	72	13.76	3	39.346	78	39.86	21	47.420	20	53.93	329	28.652	65	10.77	139
15	17.693	31	13.73	5	39.424	38	39.65	22	47.400	88	57.22	310	28.717	26	12.16	134
25	17.724	11	13.68	7	39.462	5	39.43	22	47.312	154	60.32	281	28.743	13	13.50	125
35	17.713		13.61		39.457		39.21		47.158		63.13		28.730		14.75	
Mittl. Ort	13.558		12.41		35.360		39.47		44.411		51.09		25.120		10.59	
sec δ, tg δ	1.058		+0.345		1.042		+0.294		1.751		−1.437		1.002		−0.061	
a, a'	+3.5		+8.1		+3.4		+7.5		+1.3		+7.4		+3.0		+7.4	
b, b'	+0.01		−0.92		+0.01		−0.93		−0.04		−0.93		0.00		−0.93	

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Tag	172) 53 Eridani AR.		172) 53 Eridani Dekl.		174) τ Tauri AR.		174) τ Tauri Dekl.		173) Grb 848 Caml AR.		173) Grb 848 Caml Dekl.		175) 4 Camelop. AR.		175) 4 Camelop. Dekl.	
1942	4h 35m		−14° 24′		4h 38m		+22° 50′		4h 40m		+75° 50′		4h 43m		+56° 39′	
Jan. 0	32.314 s	49	71.35 ″	168	46.718 s	29	43.76 ″	9	64.63 s	28	21.72 ″	262	11.885 s	77	21.55 ″	183
10	32.265	89	73.03	145	46.689	72	43.85	6	64.35	44	24.34	229	11.808	151	23.38	160
20	32.176	125	74.48	119	46.617	112	43.91	1	63.91	59	26.63	188	11.657	216	24.98	129
30	32.051	154	75.67	91	46.505	147	43.92	6	63.32	69	28.51	140	11.441	272	26.27	94
Febr. 9	31.897	176	76.58	61	46.358	173	43.86	12	62.63	78	29.91	87	11.169	314	27.21	54
19	31.721	191	77.19	30	46.185	190	43.74	19	61.85	82	30.78	31	10.855	340	27.75	14
März 1	31.530	195	77.49	0	45.995	195	43.55	27	61.03	84	31.09	25	10.515	348	27.89	28
11	31.335	190	77.49	31	45.800	190	43.28	33	60.19	81	30.84	79	10.167	338	27.61	68
21	31.145	174	77.18	62	45.610	173	42.95	36	59.38	74	30.05	130	9.829	310	26.93	104
31	30.971	150	76.56	90	45.437	147	42.59	37	58.64	65	28.75	174	9.519	267	25.89	135
Apr. 10	30.821	119	75.66	119	45.290	112	42.22	35	57.99	52	27.01	211	9.252	211	24.54	160
20	30.702	81	74.47	145	45.178	71	41.87	31	57.47	38	24.90	239	9.041	143	22.94	178
30	30.621	38	73.02	169	45.107	24	41.56	23	57.09	22	22.51	258	8.898	69	21.16	188
Mai 10	30.583	6	71.33	190	45.083	25	41.33	13	56.87	5	19.93	267	8.829	9	19.28	192
20	30.589	51	69.43	206	45.108	73	41.20	1	56.82	11	17.26	268	8.838	87	17.36	189
30	30.640	95	67.37	220	45.181	120	41.19	12	56.93	28	14.58	259	8.925	163	15.47	178
Juni 9	30.735	137	65.17	227	45.301	164	41.31	26	57.21	43	11.99	243	9.088	234	13.69	162
19	30.872	174	62.90	229	45.465	202	41.57	40	57.64	57	9.56	221	9.322	298	12.07	142
29	31.046	208	60.61	225	45.667	236	41.97	52	58.21	71	7.35	192	9.620	355	10.65	119
Juli 9	31.254	234	58.36	214	45.903	263	42.49	63	58.92	81	5.43	159	9.975	401	9.46	92
19	31.488	256	56.22	196	46.166	283	43.12	70	59.73	90	3.84	122	10.376	439	8.54	63
29	31.744	272	54.26	174	46.449	299	43.82	76	60.63	97	2.62	83	10.815	468	7.91	34
Aug. 8	32.016	281	52.52	144	46.748	307	44.58	78	61.60	102	1.79	42	11.283	486	7.57	5
18	32.297	286	51.08	110	47.055	312	45.36	78	62.62	105	1.37	0	11.769	496	7.52	25
28	32.583	285	49.98	72	47.367	310	46.14	75	63.67	106	1.37	41	12.265	498	7.77	54
Sept. 7	32.868	279	49.26	32	47.677	304	46.89	70	64.73	105	1.78	82	12.763	492	8.31	80
17	33.147	269	48.94	10	47.981	294	47.59	63	65.78	102	2.60	123	13.255	479	9.11	106
27	33.416	255	49.04	52	48.275	282	48.22	55	66.80	98	3.83	160	13.734	460	10.17	129
Okt. 7	33.671	238	49.56	90	48.557	266	48.77	46	67.78	92	5.43	196	14.194	433	11.46	152
17	33.909	216	50.46	125	48.823	245	49.23	40	68.70	83	7.39	228	14.627	400	12.98	172
27	34.125	192	51.71	154	49.068	223	49.63	33	69.53	72	9.67	255	15.027	359	14.70	189
Nov. 6	34.317	163	53.25	176	49.291	195	49.96	27	70.25	61	12.22	278	15.386	310	16.59	202
16	34.480	130	55.01	192	49.486	164	50.23	24	70.86	48	15.00	295	15.696	254	18.61	212
26	34.610	96	56.93	198	[1] 49.650	128	50.47	20	71.34	32	17.95	304	[2] 15.950	191	20.73	218
Dez. 5	[30] 34.706	58	58.91	198	49.778	88	50.67	18	[2] 71.66	16	20.99	305	16.141	122	22.91	218
15	34.764	18	60.89	190	49.866	45	50.85	17	71.82	1	24.04	297	16.263	48	25.09	211
25	34.782	23	62.79	176	49.911	2	51.02	14	71.81	18	27.01	280	16.311	29	27.20	198
35	34.759		64.55		49.913		51.16		71.63		29.81		16.282		29.18	
Mittl. Ort	31.355		58.00		45.594		50.63		59.47		22.02		9.740		23.75	
sec δ, tg δ	1.032		−0.257		1.085		+0.421		4.088		+3.963		1.819		+1.520	
a, a′	+2.8		+7.2		+3.6		+7.0		+8.1		+6.8		+5.0		+6.6	
b, b′	−0.01		−0.93		+0.01		−0.94		+0.09		−0.94		+0.03		−0.94	

Tag	178) α Camelop. AR.		Dekl.		180) π^5 Orionis AR.		Dekl.		181) ι Aurigae AR.		Dekl.		183) ε Aurigae AR.		Dekl.	
1942	$4^h\ 48^m$		+66° 14′		$4^h\ 51^m$		+2° 20′		$4^h\ 53^m$		+33° 4′		$4^h\ 57^m$		+43° 44′	
Jan. 0	19.12	12	47.94	229	14.663	22	39.48	97	14.030	19	28.28	66	49.662	25	17.80	126
10	19.00	22	50.23	202	14.641	63	38.51	86	14.011	70	28.94	58	49.637	84	19.06	110
20	18.78	32	52.25	166	14.578	100	37.65	73	13.941	116	29.52	46	49.553	137	20.16	92
30	18.46	39	53.91	125	14.478	133	36.92	60	13.825	156	29.98	32	49.416	184	21.08	68
Febr. 9	18.07	44	55.16	80	14.345	160	36.32	44	13.669	187	30.30	15	49.232	221	21.76	43
19	17.63	48	55.96	31	14.185	176	35.88	30	13.482	209	30.45	2	49.011	246	22.19	14
März 1	17.15	49	56.27	19	14.009	184	35.58	16	13.273	218	30.43	20	48.765	257	22.33	15
11	16.66	48	56.08	67	13.825	181	35.42	1	13.055	214	30.23	37	48.508	253	22.18	43
21	16.18	44	55.41	111	13.644	168	35.43	16	12.841	199	29.86	52	48.255	237	21.75	68
31	15.74	38	54.30	150	13.476	146	35.59	33	12.642	172	29.34	63	48.018	206	21.07	90
Apr. 10	15.36	32	52.80	182	13.330	116	35.92	49	12.470	135	28.71	71	47.812	164	20.17	107
20	15.04	22	50.98	207	13.214	80	36.41	67	12.335	91	28.00	75	47.648	115	19.10	119
30	14.82	12	48.91	223	13.134	38	37.08	83	12.244	41	27.25	75	47.533	58	17.91	126
Mai 10	14.70	2	46.68	231	13.096	6	37.91	101	12.203	11	26.50	71	47.475	1	16.65	126
20	14.68	8	44.37	231	13.102	49	38.92	115	12.214	63	25.79	63	47.476	61	15.39	123
30	14.76	18	42.06	224	13.151	92	40.07	129	12.277	114	25.16	51	47.537	121	14.16	114
Juni 9	14.94	28	39.82	209	13.243	133	41.36	139	12.391	163	24.65	39	47.658	176	13.02	101
19	15.22	37	37.73	188	13.376	171	42.75	147	12.554	206	24.26	25	47.834	226	12.01	85
29	15.59	45	35.85	163	13.547	202	44.22	149	12.760	244	24.01	9	48.060	270	11.16	68
Juli 9	16.04	51	34.22	134	13.749	229	45.71	149	13.004	276	23.92	5	48.330	308	10.48	48
19	16.55	57	32.88	102	13.978	251	47.20	143	13.280	300	23.97	19	48.638	338	10.00	28
29	17.12	61	31.86	68	14.229	267	48.63	132	13.580	319	24.16	32	48.976	360	9.72	9
Aug. 8	17.73	64	31.18	32	14.496	277	49.95	116	13.899	331	24.48	42	49.336	377	9.63	10
18	18.37	65	30.86	3	14.773	282	51.11	97	14.230	338	24.90	52	49.713	385	9.73	28
28	19.02	67	30.89	39	15.055	284	52.08	75	14.568	339	25.42	58	50.098	388	10.01	45
Sept. 7	19.69	66	31.28	73	15.339	280	52.83	48	14.907	336	26.00	63	50.486	386	10.46	61
17	20.35	64	32.01	108	15.619	272	53.31	22	15.243	328	26.63	67	50.872	379	11.07	75
27	20.99	62	33.09	138	15.891	263	53.53	6	15.571	317	27.30	70	51.251	367	11.82	88
Okt. 7	21.61	59	34.47	169	16.154	248	53.47	32	15.888	301	28.00	72	51.618	349	12.70	100
17	22.20	53	36.16	195	16.402	231	53.15	56	16.189	282	28.72	73	51.967	327	13.70	111
27	22.73	48	38.11	219	16.633	209	52.59	77	16.471	258	29.45	76	52.294	299	14.81	121
Nov. 6	23.21	42	40.30	239	16.842	185	51.82	92	16.729	229	30.21	76	52.593	266	16.02	130
16	23.63	33	42.69	254	17.027	157	50.90	104	16.958	195	30.97	79	52.859	226	17.32	137
26	23.96	25	45.23	263	17.184	123	49.86	109	17.153	156	31.76	79	53.085	180	18.69	141
Dez. 5*)	[3] 24.21	15	47.86	264	[4] 17.307	86	48.77	111	[5] 17.309	112	32.55	79	53.265	129	20.10	143
15	24.36	5	50.50	258	17.393	47	47.66	107	17.421	64	33.34	78	[6] 53.394	72	21.53	141
25	24.41	6	53.08	245	17.440	6	46.59	100	17.485	14	34.12	73	53.466	14	22.94	134
35	24.35		55.53		17.446		45.59		17.499		34.85		53.480		24.28	
Mittl. Ort	16.09		49.57		13.656		50.08		12.726		34.19		48.093		22.54	
sec δ, tg δ	2.483		+2.272		1.001		+0.041		1.193		+0.651		1.384		+0.957	
a, *a′*	+6.0		+6.2		+3.1		+5.9		+3.9		+5.8		+4.3		+5.4	
b, *b′*	+0.05		−0.95		0.00		−0.96		+0.01		−0.96		+0.02		−0.96	

*) Bei Stern 183) lies Dez. 6.

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Tag	182) β Camelop.				184) ι Tauri				185) η Aurigae				186) ε Leporis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$4^h\ 58^m$		$+60°\ 21'$		$4^h\ 59^m$		$+21°\ 30'$		$5^h\ 2^m$		$+41°\ 9'$		$5^h\ 2^m$		$-22°\ 26'$	
	s		"		s		"		s		"		s		"	
Jan. 0	17.33	7	33.37	208	38.675	9	24.16	4	28.047	16	23.99	112	61.365	39	65.57	212
10	17.26	15	35.45	184	38.666	55	24.20	3	28.031	73	25.11	100	61.326	83	67.69	186
20	17.11	23	37.29	155	38.611	98	24.23	1	27.958	126	26.11	84	61.243	123	69.55	155
30	16.88	29	38.84	120	38.513	135	24.24	2	27.832	172	26.95	64	61.120	157	71.10	122
Febr. 9	16.59	35	40.04	79	38.378	164	24.22	7	27.660	208	27.59	40	60.963	185	72.32	86
19	16.24	37	40.83	36	38.214	185	24.15	12	27.452	233	27.99	14	60.778	203	73.18	49
März 1	15.87	40	41.19	9	38.029	195	24.03	17	27.219	246	28.13	11	60.575	212	73.67	11
11	15.47	38	41.10	52	37.834	193	23.86	21	26.973	243	28.02	37	60.363	211	73.78	27
21	15.09	36	40.58	92	37.641	180	23.65	25	26.730	228	27.65	60	60.152	200	73.51	63
31	14.73	32	39.66	129	37.461	157	23.40	26	26.502	199	27.05	80	59.952	179	72.88	98
Apr. 10	14.41	26	38.37	158	37.304	126	23.14	25	26.303	161	26.25	95	59.773	150	71.90	132
20	14.15	18	36.79	181	37.178	86	22.89	21	26.142	113	25.30	107	59.623	114	70.58	163
30	13.97	11	34.98	197	37.092	42	22.68	15	26.029	60	24.23	112	59.509	73	68.95	190
Mai 10	13.86	2	33.01	206	37.050	5	22.53	7	25.969	2	23.11	113	59.436	29	67.05	215
20	13.84	6	30.95	205	37.055	52	22.46	4	25.967	56	21.98	109	59.407	17	64.90	234
30	13.90	14	28.90	199	37.107	99	22.50	15	26.023	112	20.89	100	59.424	62	62.56	248
Juni 9	14.04	23	26.91	187	37.206	142	22.65	27	26.135	165	19.89	89	59.486	106	60.08	257
19	14.27	30	25.04	169	37.348	182	22.92	38	26.300	215	19.00	74	59.592	146	57.51	259
29	14.57	36	23.35	147	37.530	217	23.30	48	26.515	257	18.26	58	59.738	183	54.92	254
Juli 9	14.93	42	21.88	122	37.747	246	23.78	57	26.772	293	17.68	40	59.921	215	52.38	242
19	15.35	46	20.66	93	37.993	269	24.35	63	27.065	323	17.28	22	60.136	241	49.96	222
29	15.81	51	19.73	63	38.262	287	24.98	66	27.388	345	17.06	5	60.377	263	47.74	196
Aug. 8	16.32	52	19.10	33	38.549	298	25.64	67	27.733	361	17.01	12	60.640	277	45.78	163
18	16.84	54	18.77	1	38.847	305	26.31	66	28.094	370	17.13	27	60.917	288	44.15	124
28	17.38	55	18.76	29	39.152	307	26.97	62	28.464	374	17.40	43	61.205	292	42.91	81
Sept. 7	17.93	55	19.05	59	39.459	305	27.59	54	28.838	373	17.83	55	61.497	291	42.10	34
17	18.48	54	19.64	89	39.764	299	28.13	46	29.211	366	18.38	67	61.788	285	41.76	14
27	19.02	52	20.53	117	40.063	289	28.59	38	29.577	356	19.05	77	62.073	275	41.90	62
Okt. 7	19.54	50	21.70	143	40.352	276	28.97	29	29.933	339	19.82	88	62.348	260	42.52	108
17	20.04	45	23.13	166	40.628	259	29.26	22	30.272	319	20.70	97	62.608	241	43.60	149
27	20.49	42	24.79	188	40.887	239	29.48	14	30.591	294	21.67	105	62.849	216	45.09	184
Nov. 6	20.91	37	26.67	207	41.126	213	29.62	10	30.885	262	22.72	114	63.065	189	46.93	213
16	21.28	30	28.74	222	41.339	183	29.72	7	31.147	224	23.86	119	63.254	155	49.06	232
26	21.58	23	30.96	230	41.522	149	29.79	5	31.371	181	25.05	124	63.409	118	51.38	243
Dez. 6	21.81	16	33.26	234	41.671	110	29.84	5	31.552	132	26.29	126	63.527	78	53.81	244
	6				6				7				7			
15	21.97	8	35.60	231	41.781	66	29.89	6	31.684	78	27.55	125	63.605	35	56.25	237
25	22.05	1	37.91	220	41.847	21	29.95	5	31.762	21	28.80	121	63.640	10	58.62	225
35	22.04		40.11		41.868		30.00		31.783		30.01		63.630		60.87	
Mittl. Ort	14.91		36.31		37.530		32.02		26.549		29.32		60.259		51.55	
sec δ, tg δ	2.022		+1.757		1.075		+0.394		1.328		+0.874		1.082		−0.413	
a, *a'*	+5.3		+5.3		+3.6		+5.2		+4.2		+5.0		+2.5		+4.9	
b, *b'*	+0.03		−0.96		+0.01		−0.97		+0.01		−0.97		−0.01		−0.97	

Tag	188) β Eridani AR.		Dekl.		192) μ Aurigae AR.		Dekl.		194) β Orionis AR.		Dekl.		193) α Aurigae AR.		Dekl.	
1942	$5^h\ 4^m$		$-5°\ 9'$		$5^h\ 9^m$		$+38°\ 24'$		$5^h\ 11^m$		$-8°\ 15'$		$5^h\ 12^m$		$+45°\ 56'$	
Jan. 0	60.813	16	47.48	138	28.734	6	57.85	99	45.991	13	74.09	156	25.661	10	23.22	139
10	60.797	59	48.86	122	28.728	61	58.84	89	45.978	56	75.65	137	25.651	72	24.61	127
20	60.738	97	50.08	103	28.667	113	59.73	76	45.922	96	77.02	116	25.579	130	25.88	108
30	60.641	131	51.11	82	28.554	159	60.49	59	45.826	131	78.18	93	25.449	181	26.96	86
Febr. 9	60.510	159	51.93	61	28.395	195	61.08	39	45.695	159	79.11	68	25.268	223	27.82	59
19	60.351	179	52.54	38	28.200	221	61.47	17	45.536	180	79.79	43	25.045	253	28.41	29
März 1	60.172	188	52.92	16	27.979	235	61.64	7	45.356	190	80.22	18	24.792	267	28.70	1
11	59.984	187	53.08	7	27.744	234	61.57	29	45.166	191	80.40	8	24.525	267	28.69	31
21	59.797	177	53.01	30	27.510	221	61.28	50	44.975	181	80.32	34	24.258	253	28.38	60
31	59.620	157	52.71	52	27.289	195	60.78	68	44.794	163	79.98	58	24.005	225	27.78	85
Apr. 10	59.463	129	52.19	74	27.094	159	60.10	82	44.631	135	79.40	83	23.780	185	26.93	105
20	59.334	94	51.45	97	26.935	114	59.28	92	44.496	101	78.57	107	23.595	135	25.88	122
30	59.240	54	50.48	116	26.821	63	58.36	97	44.395	63	77.50	128	23.460	79	24.66	132
Mai 10	59.186	12	49.32	135	26.758	9	57.39	98	44.332	20	76.22	149	23.381	18	23.34	136
20	59.174	31	47.97	152	26.749	47	56.41	94	44.312	23	74.73	166	23.363	44	21.98	135
30	59.205	75	46.45	166	26.796	102	55.47	86	44.335	66	73.07	180	23.407	104	20.63	130
Juni 9	59.280	115	44.79	175	26.898	153	54.61	76	44.401	108	71.27	190	23.511	162	19.33	120
19	59.395	153	43.04	181	27.051	200	53.85	62	44.509	145	69.37	195	23.673	216	18.13	106
29	59.548	187	41.23	182	27.251	242	53.23	48	44.654	180	67.42	194	23.889	263	17.07	90
Juli 9	59.735	215	39.41	177	27.493	278	52.75	32	44.834	209	65.48	190	24.152	304	16.17	72
19	59.950	238	37.64	168	27.771	307	52.43	17	45.043	233	63.58	178	24.456	337	15.45	52
29	60.188	257	35.96	151	28.078	329	52.26	2	45.276	252	61.80	161	24.793	363	14.93	33
Aug. 8	60.445	269	34.45	130	28.407	345	52.24	12	45.528	267	60.19	137	25.156	383	14.60	13
18	60.714	277	33.15	105	28.752	355	52.36	26	45.795	275	58.82	110	25.539	395	14.47	6
28	60.991	280	32.10	76	29.107	360	52.62	37	46.070	280	57.72	78	25.934	401	14.53	25
Sept. 7	61.271	280	31.34	43	29.467	360	52.99	48	46.350	280	56.94	42	26.335	403	14.78	42
17	61.551	274	30.91	9	29.827	355	53.47	57	46.630	276	56.52	6	26.738	397	15.20	59
27	61.825	265	30.82	26	30.182	345	54.04	65	46.906	268	56.46	32	27.135	388	15.79	74
Okt. 7	62.090	253	31.08	58	30.527	332	54.69	73	47.174	257	56.78	67	27.523	373	16.53	89
17	62.343	237	31.66	88	30.859	314	55.42	80	47.431	241	57.45	100	27.896	352	17.42	103
27	62.580	217	32.54	114	31.173	290	56.22	87	47.672	221	58.45	128	28.248	325	18.45	117
Nov. 6	62.797	192	33.68	135	31.463	260	57.09	94	47.893	197	59.73	150	28.573	293	19.62	128
16	62.989	164	35.03	148	31.723	225	58.03	100	48.090	169	61.23	166	28.866	252	20.90	139
26	63.153	131	36.51	156	31.948	184	59.03	105	48.259	136	62.89	174	29.118	206	22.29	146
Dez. 6	63.284	94	38.07	158	32.132	137	60.08	107	48.395	98	64.63	177	29.324	152	23.75	149
	8				9				9				10			
15	63.378	54	39.65	154	32.269	86	61.15	108	48.493	58	66.40	172	29.476	94	25.24	151
25	63.432	12	41.19	143	32.355	31	62.23	106	48.551	15	68.12	161	29.570	32	26.75	149
35	63.444		42.62		32.386		63.29		48.566		69.73		29.602		28.24	
Mittl. Ort	59.778		35.73		27.302		63.92		44.934		61.98		24.012		28.61	
sec δ, tg δ	1.004		—0.090		1.276		+0.793		1.010		—0.145		1.438		+1.033	
a, *a′*	+3.0		+4.8		+4.1		+4.4		+2.9		+4.2		+4.4		+4.1	
b, *b′*	0.00		—0.97		+0.01		—0.98		0.00		—0.98		+0.01		—0.98	

Scheinbare Sternörter 1942

Tag	191) 19 H. Camelop. AR.		Dekl.		196) ϑ Doradus AR.		Dekl.		201) γ Orionis AR.		Dekl.		202) β Tauri AR.		Dekl.	
	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.
1942	$5^h\ 12^m$ s		$+79°\ 9'$ ″		$5^h\ 13^m$ s		$-67°\ 14'$ ″		$5^h\ 22^m$ s		$+6°\ 17'$ ″		$5^h\ 22^m$ s		$+28°\ 33'$ ″	
Jan. 0	64.23	25	67.02	289	50.71	27	79.15	302	2.173	7	45.04	83	38.629	12	29.41	45
10	63.98	46	69.91	264	50.44	36	82.17	265	2.180	38	44.21	73	38.641	38	29.86	42
20	63.52	66	72.55	229	50.08	44	84.82	220	2.142	80	43.48	62	38.603	86	30.28	38
30	62.86	84	74.84	185	49.64	51	87.02	170	2.062	117	42.86	50	38.517	130	30.66	30
Febr. 9	62.02	97	76.69	134	49.13	56	88.72	116	1.945	148	42.36	38	38.387	165	30.96	21
19	61.05	106	78.03	79	48.57	59	89.88	62	1.797	171	41.98	27	38.222	191	31.17	9
März 1	59.99	110	78.82	22	47.98	61	90.50	5	1.626	184	41.71	15	38.031	206	31.26	3
11	58.89	109	79.04	36	47.37	60	90.55	50	1.442	186	41.56	4	37.825	209	31.23	15
21	57.80	104	78.68	91	46.77	59	90.05	103	1.256	177	41.52	8	37.616	199	31.08	26
31	56.76	94	77.77	142	46.18	54	89.02	153	1.079	160	41.60	20	37.417	178	30.82	35
Apr. 10	55.82	81	76.35	185	45.64	49	87.49	200	0.919	134	41.80	32	37.239	148	30.47	43
20	55.01	64	74.50	221	45.15	43	85.49	241	0.785	100	42.12	46	37.091	110	30.04	47
30	54.37	45	72.29	249	44.72	34	83.08	277	0.685	61	42.58	60	36.981	65	29.57	47
Mai 10	53.92	24	69.80	268	44.38	26	80.31	307	0.624	19	43.18	74	36.916	18	29.10	44
20	53.68	3	67.12	276	44.12	16	77.24	330	0.605	25	43.92	87	36.898	32	28.66	40
30	53.65	19	64.36	276	43.96	7	73.94	344	0.630	67	44.79	98	36.930	81	28.26	31
Juni 9	53.84	39	61.60	269	43.89	3	70.50	351	0.697	108	45.77	108	37.011	127	27.95	23
19	54.23	58	58.91	253	43.92	13	66.99	349	0.805	147	46.85	116	37.138	170	27.72	13
29	54.81	77	56.38	230	44.05	23	63.50	337	0.952	180	48.01	120	37.308	208	27.59	2
Juli 9	55.58	92	54.08	203	44.28	31	60.13	315	1.132	210	49.21	121	37.516	241	27.57	8
19	56.50	106	52.05	170	44.59	39	56.98	285	1.342	235	50.42	118	37.757	268	27.65	17
29	57.56	118	50.35	134	44.98	46	54.13	246	1.577	253	51.60	111	38.025	289	27.82	24
Aug. 8	58.74	126	49.01	94	45.44	52	51.67	198	1.830	268	52.71	98	38.314	306	28.06	31
18	60.00	132	48.07	54	45.96	56	49.69	144	2.098	278	53.69	83	38.620	316	28.37	34
28	61.32	137	47.53	11	46.52	59	48.25	84	2.376	283	54.52	64	38.936	322	28.71	36
Sept. 7	62.69	138	47.42	32	47.11	59	47.41	20	2.659	284	55.16	43	39.258	324	29.07	36
17	64.07	136	47.74	74	47.70	59	47.21	45	2.943	282	55.59	18	39.582	321	29.43	36
27	65.43	133	48.48	116	48.29	57	47.66	109	3.225	276	55.77	5	39.903	315	29.79	34
Okt. 7	66.76	127	49.64	157	48.86	53	48.75	169	3.501	267	55.72	27	40.218	305	30.13	34
17	68.03	118	51.21	194	49.39	47	50.44	225	3.768	253	55.45	49	40.523	291	30.47	32
27	69.21	106	53.15	228	49.86	40	52.69	273	4.021	237	54.96	67	40.814	272	30.79	33
Nov. 6	70.27	92	55.43	259	50.26	31	55.42	309	4.258	214	54.29	81	41.086	247	31.12	34
16	71.19	76	58.02	284	50.57	22	58.51	336	4.472	187	53.48	90	41.333	218	31.46	36
26	71.95	56	60.86	301	50.79	12	61.87	351	4.659	156	52.58	96	41.551	182	31.82	39
Dez. 6	72.51	35	63.87	311	50.91	1	65.38	351	4.815	120	51.62	96	41.733	142	32.21	42
	10				10				12				12			
15	72.86	13	66.98	312	50.92	10	68.89	340	4.935	79	50.66	92	41.875	95	32.63	45
25	72.99	10	70.10	304	50.82	21	72.29	319	5.014	36	49.74	85	41.970	45	33.08	47
35	72.89		73.14		50.61		75.48		5.050		48.89		42.015		33.55	
Mittl. Ort	57.48		69.81		47.71		62.30		1.093		55.40		37.372		37.25	
sec δ, tg δ	5.322		+5.227		2.586		−2.385		1.006		+0.110		1.139		+0.544	
a, *a′*	+9.9		+4.1		0.0		+4.0		+3.2		+3.3		+3.8		+3.3	
b, *b′*	+0.07		−0.98		−0.03		−0.98		0.00		−0.99		+0.01		−0.99	

Tag	203) 17 Camelop.				206) δ Orionis				207) α Leporis				205) Grb 966 Caml			
	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ
1942	$5^h\ 24^m$		$+63°\ 0'$		$5^h\ 29^m$		$-0°\ 20'$		$5^h\ 30^m$		$-17°\ 51'$		$5^h\ 31^m$		$+75°\ 0'$	
Jan. 0	^{s} 43.71	2	″ 73.13	229	^{s} 3.584	8	″ 36.86	121	^{s} 11.393	8	″ 57.59	206	^{s} 62.10	9	″ 29.59	281
10	43.69	13	75.42	211	3.592	35	38.07	107	11.385	54	59.65	185	62.01	25	32.40	261
20	43.56	21	77.53	186	3.557	78	39.14	90	11.331	96	61.50	158	61.76	40	35.01	231
30	43.35	29	79.39	153	3.479	116	40.04	74	11.235	134	63.08	128	61.36	55	37.32	195
Febr. 9	43.06	35	80.92	114	3.363	147	40.78	56	11.101	166	64.36	96	60.81	65	39.27	149
19	42.71	41	82.06	71	3.216	170	41.34	37	10.935	189	65.32	63	60.16	73	40.76	98
März 1	42.30	43	82.77	25	3.046	184	41.71	19	10.746	202	65.95	29	59.43	78	41.74	44
11	41.87	43	83.02	20	2.862	188	41.90	1	10.544	206	66.24	6	58.65	78	42.18	11
21	41.44	41	82.82	64	2.674	180	41.91	17	10.338	199	66.18	39	57.87	76	42.07	64
31	41.03	37	82.18	106	2.494	164	41.74	35	10.139	183	65.79	72	57.11	70	41.43	114
Apr. 10	40.66	32	81.12	142	2.330	140	41.39	53	9.956	157	65.07	103	56.41	61	40.29	158
20	40.34	25	79.70	170	2.190	107	40.86	71	9.799	126	64.04	132	55.80	50	38.71	196
30	40.09	17	78.00	193	2.083	69	40.15	89	9.673	88	62.72	159	55.30	37	36.75	226
Mai 10	39.92	8	76.07	208	2.014	28	39.26	106	9.585	46	61.13	183	54.93	22	34.49	247
20	39.84	1	73.99	215	1.986	14	38.20	120	9.539	3	59.30	204	54.71	6	32.02	260
30	39.85	10	71.84	215	2.000	56	37.00	133	9.536	40	57.26	220	54.65	10	29.42	264
Juni 9	39.95	19	69.69	209	2.056	97	35.67	144	9.576	83	55.06	231	54.75	24	26.78	260
19	40.14	27	67.60	196	2.153	136	34.23	150	9.659	123	52.75	236	54.99	39	24.18	249
29	40.41	35	65.64	179	2.289	170	32.73	153	9.782	159	50.39	234	55.38	52	21.69	231
Juli 9	40.76	41	63.85	157	2.459	199	31.20	151	9.941	192	48.05	227	55.90	64	19.38	209
19	41.17	46	62.28	131	2.658	224	29.69	144	10.133	219	45.78	212	56.54	75	17.29	180
29	41.63	52	60.97	104	2.882	245	28.25	133	10.352	243	43.66	189	57.29	84	15.49	148
Aug. 8	42.15	55	59.93	74	3.127	261	26.92	115	10.595	260	41.77	162	58.13	91	14.01	113
18	42.70	57	59.19	43	3.388	271	25.77	95	10.855	274	40.15	127	59.04	95	12.88	75
28	43.27	59	58.76	11	3.659	278	24.82	70	11.129	282	38.88	88	59.99	100	12.13	37
Sept. 7	43.86	60	58.65	20	3.937	280	24.12	42	11.411	285	38.00	46	60.99	102	11.76	3
17	44.46	60	58.85	51	4.217	279	23.70	13	11.696	284	37.54	1	62.01	101	11.79	43
27	45.06	58	59.36	83	4.496	274	23.57	18	11.980	280	37.53	44	63.02	101	12.22	83
Okt. 7	45.64	57	60.19	113	4.770	266	23.75	47	12.260	269	37.97	88	64.03	97	13.05	122
17	46.21	53	61.32	142	5.036	253	24.22	74	12.529	255	38.85	129	65.00	91	14.27	160
27	46.74	49	62.74	169	5.289	236	24.96	97	12.784	236	40.14	164	65.91	84	15.87	195
Nov. 6	47.23	44	64.43	193	5.525	215	25.93	115	13.020	211	41.78	193	66.75	75	17.82	226
16	47.67	38	66.36	213	5.740	189	27.08	128	13.231	183	43.71	214	67.50	63	20.08	253
26	48.05	31	68.49	229	5.929	158	28.36	136	13.414	148	45.85	226	68.13	50	22.61	275
Dez. 6	48.36	22	70.78	239	6.087	121	29.72	137	13.562	109	48.11	230	68.63	36	25.36	289
15	[13] 48.58	13	73.17	243	[14] 6.208	81	31.09	134	[14] 13.671	67	50.41	226	[15] 68.99	19	28.25	294
25	48.71	4	75.60	238	6.289	37	32.43	125	13.738	21	52.67	218	69.18	3	31.19	290
35	48.75		77.98		6.326		33.68		13.759		54.85		69.21		34.09	
Mittl. Ort	41.07		77.86		2.500		25.74		10.238		44.79		57.31		34.15	
sec δ, tg δ	2.204		+1.964		1.000		−0.006		1.051		−0.322		3.866		+3.734	
a, a'	+5.7		+3.1		+3.1		+2.7		+2.6		+2.6		+8.0		+2.4	
b, b'	+0.02		−0.99		0.00		−0.99		0.00		−0.99		+0.03		−0.99	

Scheinbare Sternörter 1942

Tag		209) ι Orionis AR.		209) ι Orionis Dekl.		212) β Doradus AR.		212) β Doradus Dekl.		210) ε Orionis AR.		210) ε Orionis Dekl.		211) ζ Tauri AR.		211) ζ Tauri Dekl.	
1942		$5^h\ 32^m$		$-5°\ 56'$		$5^h\ 33^m$		$-62°\ 31'$		$5^h\ 33^m$		$-1°\ 14'$		$5^h\ 34^m$		$+21°\ 6'$	
Jan.	0	$36^s.756$	7	$58''.76$	151	$9^s.77$	17	$54''.19$	318	$17^s.215$	12	$25''.85$	127	$11^s.754$	24	$23''.21$	1
	10	36.763	38	60.27	135	9.60	25	57.37	285	17.227	33	27.12	112	11.778	25	23.22	3
	20	36.725	80	61.62	115	9.35	33	60.22	244	17.194	76	28.24	96	11.753	72	23.25	7
	30	36.645	117	62.77	93	9.02	39	62.66	197	17.118	113	29.20	77	11.681	114	23.32	5
Febr.	9	36.528	149	63.70	70	8.63	45	64.63	146	17.005	146	29.97	59	11.567	150	23.37	4
	19	36.379	173	64.40	48	8.18	48	66.09	91	16.859	170	30.56	40	11.417	176	23.41	2
März	1	36.206	187	64.88	23	7.70	49	67.00	37	16.689	184	30.96	21	11.241	192	23.43	2
	11	36.019	191	65.11	0	7.21	51	67.37	19	16.505	188	31.17	1	11.049	196	23.41	7
	21	35.828	185	65.11	24	6.70	49	67.18	72	16.317	182	31.18	18	10.853	190	23.34	10
	31	35.643	169	64.87	46	6.21	46	66.46	124	16.135	166	31.00	36	10.663	173	23.24	13
Apr.	10	35.474	144	64.41	69	5.75	42	65.22	171	15.969	141	30.64	56	10.490	146	23.11	14
	20	35.330	113	63.72	92	5.33	37	63.51	217	15.828	110	30.08	74	10.344	111	22.97	12
	30	35.217	76	62.80	111	4.96	31	61.34	255	15.718	73	29.34	91	10.233	71	22.85	10
Mai	10	35.141	35	61.69	131	4.65	23	58.79	289	15.645	33	28.43	109	10.162	26	22.75	4
	20	35.106	6	60.38	148	4.42	16	55.90	315	15.612	10	27.34	124	10.136	19	22.71	2
	30	35.112	49	58.90	162	4.26	7	52.75	334	15.622	52	26.10	137	10.155	65	22.73	10
Juni	9	35.161	90	57.28	172	4.19	1	49.41	345	15.674	93	24.73	147	10.220	109	22.83	19
	19	35.251	129	55.56	179	4.20	9	45.96	348	15.767	131	23.26	154	10.329	150	23.02	27
	29	35.380	162	53.77	180	4.29	17	42.48	340	15.898	165	21.72	156	10.479	186	23.29	35
Juli	9	35.542	193	51.97	176	4.46	24	39.08	323	16.063	196	20.16	154	10.665	218	23.64	41
	19	35.735	220	50.21	167	4.70	31	35.85	298	16.259	221	18.62	147	10.883	244	24.05	45
	29	35.955	241	48.54	151	5.01	38	32.87	262	16.480	242	17.15	135	11.127	266	24.50	47
Aug.	8	36.196	257	47.03	132	5.39	42	30.25	218	16.722	257	15.80	118	11.393	283	24.97	46
	18	36.453	268	45.71	106	5.81	46	28.07	165	16.979	270	14.62	96	11.676	294	25.43	44
	28	36.721	276	44.65	76	6.27	50	26.42	108	17.249	277	13.66	71	11.970	301	25.87	38
Sept.	7	36.997	280	43.89	43	6.77	51	25.34	46	17.526	279	12.95	42	12.271	305	26.25	31
	17	37.277	278	43.46	8	7.28	50	24.88	19	17.805	279	12.53	11	12.576	305	26.56	23
	27	37.555	274	43.38	26	7.78	50	25.07	84	18.084	276	12.42	20	12.881	300	26.79	14
Okt.	7	37.829	267	43.64	61	8.28	47	25.91	147	18.360	267	12.62	50	13.181	293	26.93	6
	17	38.096	253	44.25	92	8.75	44	27.38	205	18.627	255	13.12	78	13.474	281	26.99	2
	27	38.349	237	45.17	120	9.19	37	29.43	255	18.882	239	13.90	101	13.755	264	26.97	8
Nov.	6	38.586	215	46.37	142	9.56	32	31.98	298	19.121	217	14.91	120	14.019	243	26.89	10
	16	38.801	188	47.79	158	9.88	23	34.96	329	19.338	192	16.11	134	14.262	216	26.79	13
	26	38.989	157	49.37	167	10.11	16	38.25	347	19.530	161	17.45	142	14.478	183	26.66	11
Dez.	6	39.146	120	51.04	170	10.27	7	41.72	355	19.691	124	18.87	143	14.661	146	26.55	7
	15	(15) 39.266	80	52.74	166	(15) 10.34	3	45.27	349	(15) 19.815	85	20.30	140	(15) 14.807	102	26.48	4
	25	39.346	37	54.40	157	10.31	11	48.76	331	19.900	40	21.70	132	14.909	55	26.44	0
	35	39.383		55.97		10.20		52.07		19.940		23.02		14.964		26.44	
Mittl. Ort		35.657		47.11		7.11		38.92		16.123		14.65		10.576		32.23	
sec δ, tg δ		1.005		−0.104		2.168		−1.923		1.000		−0.022		1.072		+0.386	
a, a'		+2.9		+2.4		+0.5		+2.3		+3.0		+2.3		+3.6		+2.3	
b, b'		0.00		−0.99		−0.02		−0.99		0.00		−0.99		0.00		−0.99	

Tag	215) α Columbae AR.		215) α Columbae Dekl.		216) o Aurigae AR.		216) o Aurigae Dekl.		219) ζ Leporis AR.		219) ζ Leporis Dekl.		220) κ Orionis AR.		220) κ Orionis Dekl.	
1942	$5^h 37^m$		−34° 6′		$5^h 41^m$		+49° 47′		$5^h 44^m$		−14° 50′		$5^h 44^m$		−9° 41′	
	s		″		s		″		s		″		s		″	
Jan. 0	34.222	30	27.73	272	26.023	27	64.79	166	20.723	9	44.32	199	61.398	15	31.56	175
10	34.192	80	30.45	244	26.050	44	66.45	158	20.732	37	46.31	179	61.413	31	33.31	156
20	34.112	128	32.89	211	26.006	111	68.03	143	20.695	82	48.10	155	61.382	74	34.87	134
30	33.984	170	35.00	172	25.895	171	69.46	121	20.613	121	49.65	127	61.308	114	36.21	111
Febr. 9	33.814	205	36.72	131	25.724	223	70.67	96	20.492	155	50.92	97	61.194	147	37.32	84
19	33.609	231	38.03	86	25.501	262	71.63	65	20.337	179	51.89	66	61.047	173	38.16	58
März 1	33.378	246	38.89	41	25.239	285	72.28	32	20.158	196	52.55	35	60.874	189	38.74	31
11	33.132	250	39.30	5	24.954	293	72.60	1	19.962	201	52.90	3	60.685	195	39.05	3
21	32.882	245	39.25	50	24.661	285	72.59	35	19.761	197	52.93	28	60.490	190	39.08	23
31	32.637	228	38.75	92	24.376	262	72.24	66	19.564	183	52.65	58	60.300	177	38.85	49
Apr. 10	32.409	202	37.83	133	24.114	226	71.58	93	19.381	160	52.07	88	60.123	154	38.36	75
20	32.207	168	36.50	172	23.888	179	70.65	116	19.221	130	51.19	116	59.969	124	37.61	100
30	32.039	129	34.78	206	23.709	122	69.49	133	19.091	94	50.03	142	59.845	88	36.61	122
Mai 10	31.910	84	32.72	236	23.587	61	68.16	145	18.997	54	48.61	165	59.757	49	35.39	143
20	31.826	36	30.36	260	23.526	3	66.71	151	18.943	13	46.96	185	59.708	7	33.96	162
30	31.790	12	27.76	280	23.529	68	65.20	152	18.930	31	45.11	201	59.701	35	32.34	177
Juni 9	31.802	59	24.96	291	23.597	130	63.68	147	18.961	72	43.10	212	59.736	75	30.57	187
19	31.861	105	22.05	296	23.727	189	62.21	139	19.033	111	40.98	219	59.811	115	28.70	194
29	31.966	149	19.09	292	23.916	242	60.82	127	19.144	148	38.79	220	59.926	150	26.76	196
Juli 9	32.115	187	16.17	280	24.158	290	59.55	112	19.292	180	36.59	213	60.076	181	24.80	191
19	32.302	222	13.37	261	24.448	330	58.43	94	19.472	209	34.46	201	60.257	209	22.89	180
29	32.524	252	10.76	232	24.778	364	57.49	75	19.681	232	32.45	181	60.466	232	21.09	164
Aug. 8	32.776	276	8.44	197	25.142	390	56.74	56	19.913	251	30.64	156	60.698	250	19.45	142
18	33.052	294	6.47	154	25.532	410	56.18	36	20.164	266	29.08	125	60.948	264	18.03	114
28	33.346	306	4.93	104	25.942	423	55.82	15	20.430	276	27.83	89	61.212	273	16.89	81
Sept. 7	33.652	313	3.89	52	26.365	431	55.67	5	20.706	281	26.94	49	61.485	279	16.08	46
17	33.965	314	3.37	4	26.796	432	55.72	25	20.987	283	26.45	6	61.764	280	15.62	8
27	34.279	309	3.41	60	27.228	427	55.97	45	21.270	280	26.39	37	62.044	278	15.54	31
Okt. 7	34.588	298	4.01	115	27.655	418	56.42	65	21.550	273	26.76	79	62.322	271	15.85	68
17	34.886	281	5.16	165	28.073	402	57.07	85	21.823	262	27.55	118	62.593	261	16.53	104
27	35.167	257	6.81	210	28.475	378	57.92	104	22.085	244	28.73	152	62.854	244	17.57	135
Nov. 6	35.424	228	8.91	247	28.853	346	58.96	121	22.329	223	30.25	180	63.098	224	18.92	159
16	35.652	192	11.38	275	29.199	307	60.17	138	22.552	196	32.05	201	63.322	197	20.51	178
26	35.844	151	14.13	292	29.506	259	61.55	153	22.748	163	34.06	215	63.519	166	22.29	190
Dez. 6	35.995	105	17.05	299	29.765	203	63.08	163	22.911	125	36.21	219	63.685	130	24.19	193
16	[16] 36.100	56	20.04	295	[17] 29.968	140	64.71	169	[18] 23.036	84	38.40	216	[18] 63.815	89	26.12	190
25	36.156	4	22.99	281	30.108	72	66.40	171	23.120	38	40.56	206	63.904	44	28.02	180
35	36.160		25.80		30.180		68.11		23.158		42.62		63.948		29.82	
Mittl. Ort	32.829		13.99		24.244		71.65		19.557		32.13		60.262		19.76	
sec δ, tg δ	1.208		−0.677		1.549		+1.183		1.034		−0.265		1.014		−0.171	
a, *a′*	+2.2		+2.0		+4.6		+1.6		+2.7		+1.4		+2.8		+1.3	
b, *b′*	0.00		−1.00		+0.01		−1.00		0.00		−1.00		0.00		−1.00	

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Tag	224) α Orionis				225) δ Aurigae				227) β Aurigae				228) ϑ Aurigae			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$5^h\ 52^m$		$+7°\ 23'$		$5^h\ 54^m$		$+54°\ 16'$		$5^h\ 55^m$		$+44°\ 56'$		$5^h\ 55^m$		$+37°\ 12'$	
	s		"		s		"		s		"		s		"	
Jan. 0	2.953	34	41.98	83	46.959	45	50.29	191	17.968	48	29.51	140	47.291	49	29.35	95
10	2.987	12	41.15	72	47.004	34	52.20	183	18.016	18	30.91	136	47.340	9	30.30	94
20	2.975	57	40.43	60	46.970	110	54.03	169	17.998	81	32.27	127	47.331	67	31.24	90
30	2.918	99	39.83	48	46.860	179	55.72	148	17.917	139	33.54	112	47.264	119	32.14	80
Febr. 9	2.819	134	39.35	35	46.681	239	57.20	120	17.778	189	34.66	92	47.145	163	32.94	66
19	2.685	162	39.00	24	46.442	284	58.40	87	17.589	228	35.58	67	46.982	199	33.60	49
März 1	2.523	179	38.76	13	46.158	313	59.27	51	17.361	253	36.25	40	46.783	222	34.09	29
11	2.344	187	38.63	3	45.845	326	59.78	14	17.108	264	36.65	12	46.561	232	34.38	9
21	2.157	184	38.60	8	45.519	322	59.92	24	16.844	260	36.77	18	46.329	228	34.47	12
31	1.973	170	38.68	19	45.197	300	59.68	60	16.584	243	36.59	45	46.101	213	34.35	32
Apr. 10	1.803	148	38.87	29	44.897	264	59.08	93	16.341	212	36.14	69	45.888	185	34.03	50
20	1.655	118	39.16	40	44.633	215	58.15	120	16.129	171	35.45	91	45.703	149	33.53	64
30	1.537	82	39.56	52	44.418	157	56.95	143	15.958	122	34.54	106	45.554	104	32.89	75
Mai 10	1.455	43	40.08	64	44.261	91	55.52	159	15.836	67	33.48	118	45.450	55	32.14	82
20	1.412	1	40.72	75	44.170	22	53.93	170	15.769	9	32.30	124	45.395	4	31.32	85
30	1.411	41	41.47	85	44.148	49	52.23	175	15.760	49	31.06	127	45.391	49	30.47	84
Juni 9	1.452	82	42.32	94	44.197	117	50.48	174	15.809	106	29.79	124	45.440	99	29.63	81
19	1.534	121	43.26	101	44.314	182	48.74	167	15.915	160	28.55	118	45.539	148	28.82	75
29	1.655	156	44.27	105	44.496	242	47.07	157	16.075	210	27.37	108	45.687	191	28.07	66
Juli 9	1.811	187	45.32	106	44.738	297	45.50	144	16.285	254	26.29	98	45.878	231	27.41	58
19	1.998	214	46.38	103	45.035	343	44.06	126	16.539	292	25.31	83	46.109	263	26.83	47
29	2.212	236	47.41	95	45.378	383	42.80	106	16.831	323	24.48	70	46.372	292	26.36	37
Aug. 8	2.448	254	48.36	85	45.761	415	41.74	86	17.154	350	23.78	54	46.664	315	25.99	27
18	2.702	267	49.21	71	46.176	441	40.88	63	17.504	369	23.24	39	46.979	332	25.72	18
28	2.969	278	49.92	53	46.617	459	40.25	40	17.873	384	22.85	23	47.311	344	25.54	9
Sept. 7	3.247	283	50.45	32	47.076	470	39.85	17	18.257	394	22.62	8	47.655	353	25.45	1
17	3.530	285	50.77	10	47.546	476	39.68	7	18.651	397	22.54	7	48.008	356	25.44	7
27	3.815	284	50.87	13	48.022	475	39.75	32	19.048	397	22.61	23	48.364	356	25.51	15
Okt. 7	4.099	280	50.74	35	48.497	466	40.07	56	19.445	390	22.84	39	48.720	350	25.66	23
17	4.379	270	50.39	55	48.963	450	40.63	80	19.835	378	23.23	55	49.070	340	25.89	32
27	4.649	257	49.84	72	49.413	427	41.43	104	20.213	360	23.78	71	49.410	324	26.21	42
Nov. 6	4.906	239	49.12	86	49.840	394	42.47	127	20.573	335	24.49	87	49.734	302	26.63	52
16	5.145	215	48.26	94	50.234	352	43.74	148	20.908	300	25.36	103	50.036	272	27.15	62
26	5.360	185	47.32	99	50.586	301	45.22	166	21.208	258	26.39	117	50.308	236	27.77	73
Dez. 6	5.545	149	46.33	99	50.887	239	46.88	181	21.466	209	27.56	129	50.544	193	28.50	83
16	5.694	109	45.34	94	20 51.126	170	48.69	190	20 21.675	152	28.85	137	21 50.737	142	29.33	91
25	20 5.803	66	44.40	86	51.296	95	50.59	195	21.827	91	30.22	143	50.879	87	30.24	96
35	5.869		43.54		51.391		52.54		21.918		31.65		50.966		31.20	
Mittl. Ort	1.834		52.49		44.997		57.71		16.376		37.53		45.891		37.89	
sec δ, tg δ	1.008		+0.130		1.713		+1.391		1.413		+0.998		1.256		+0.759	
a, a'	+3.2		+0.7		+4.9		+0.5		+4.4		+0.4		+4.1		+0.4	
b, b'	0.00		−1.00		0.00		−1.00		0.00		−1.00		0.00		−1.00	

Tag	229) η Columbae AR.		229) η Columbae Dekl.		232) ν Orionis AR.		232) ν Orionis Dekl.		236) η Geminorum AR.		236) η Geminorum Dekl.		234) 22 H. Camelop. AR.		234) 22 H. Camelop. Dekl.	
1942	$5^h\ 57^m$		−42° 48′		$6^h\ 4^m$		+14° 46′		$6^h\ 11^m$		+22° 31′		$6^h\ 12^m$		+69° 20′	
Jan. 0	23.874	29	75.99	307	16.693	51	27.36	41	23.728	62	21.61	4	30.75	7	29.08	264
10	23.845	87	79.06	281	16.744	1	26.95	33	23.790	9	21.65	12	30.82	6	31.72	256
20	23.758	142	81.87	247	16.745	46	26.62	24	23.799	41	21.77	17	30.76	18	34.28	240
30	23.616	191	84.34	207	16.699	90	26.38	16	23.758	88	21.94	20	30.58	30	36.68	213
Febr. 9	23.425	232	86.41	163	16.609	129	26.22	9	23.670	129	22.14	21	30.28	40	38.81	179
19	23.193	263	88.04	116	16.480	159	26.13	5	23.541	163	22.35	19	29.88	47	40.60	137
März 1	22.930	284	89.20	66	16.321	179	26.08	0	23.378	185	22.54	15	29.41	53	41.97	91
11	22.646	292	89.86	17	16.142	190	26.08	2	23.193	196	22.69	10	28.88	56	42.88	42
21	22.354	290	90.03	33	15.952	188	26.10	5	22.997	197	22.79	5	28.32	56	43.30	9
31	22.064	275	89.70	80	15.764	176	26.15	8	22.800	186	22.84	1	27.76	54	43.21	58
Apr. 10	21.789	251	88.90	127	15.588	155	26.23	12	22.614	165	22.83	5	27.22	48	42.63	104
20	21.538	218	87.63	169	15.433	126	26.35	16	22.449	135	22.78	7	26.74	42	41.59	144
30	21.320	177	85.94	208	15.307	91	26.51	21	22.314	99	22.71	10	26.32	33	40.15	179
Mai 10	21.143	132	83.86	242	15.216	51	26.72	27	22.215	58	22.61	8	25.99	23	38.36	206
20	21.011	81	81.44	271	15.165	8	26.99	35	22.157	14	22.53	7	25.76	13	36.30	227
30	20.930	29	78.73	294	15.157	34	27.34	42	22.143	30	22.46	2	25.63	1	34.03	239
Juni 9	20.901	23	75.79	308	15.191	76	27.76	48	22.173	74	22.44	2	25.62	10	31.64	245
19	20.924	74	72.71	316	15.267	115	28.24	55	22.247	115	22.46	7	25.72	21	29.19	243
29	20.998	124	69.55	315	15.382	152	28.79	59	22.362	153	22.53	12	25.93	31	26.76	234
Juli 9	21.122	171	66.40	305	15.534	184	29.38	62	22.515	188	22.65	15	26.24	40	24.42	221
19	21.293	213	63.35	285	15.718	212	30.00	61	22.703	217	22.80	18	26.64	49	22.21	202
29	21.506	249	60.50	258	15.930	236	30.61	58	22.920	243	22.98	19	27.13	56	20.19	179
Aug. 8	21.755	282	57.92	221	16.166	256	31.19	53	23.163	263	23.17	18	27.69	62	18.40	152
18	22.037	307	55.71	177	16.422	271	31.72	44	23.426	281	23.35	15	28.31	68	16.88	122
28	22.344	327	53.94	126	16.693	282	32.16	32	23.707	293	23.50	10	28.99	71	15.66	91
Sept. 7	22.671	340	52.68	70	16.975	289	32.48	19	24.000	302	23.60	4	29.70	75	14.75	56
17	23.011	345	51.98	10	17.264	294	32.67	3	24.302	308	23.64	3	30.45	76	14.19	21
27	23.356	345	51.88	50	17.558	295	32.70	11	24.610	310	23.61	11	31.21	77	13.98	16
Okt. 7	23.701	335	52.38	110	17.853	292	32.59	26	24.920	309	23.50	17	31.98	75	14.14	52
17	24.036	318	53.48	167	18.145	285	32.33	39	25.229	301	23.33	22	32.73	74	14.66	90
27	24.354	294	55.15	217	18.430	273	31.94	50	25.530	291	23.11	26	33.47	70	15.56	126
Nov. 6	24.648	262	57.32	260	18.703	256	31.44	57	25.821	275	22.85	26	34.17	64	16.82	160
16	24.910	222	59.92	293	18.959	233	30.87	61	26.096	251	22.59	25	34.81	58	18.42	193
26	25.132	176	62.85	316	19.192	204	30.26	62	26.347	221	22.34	20	35.39	49	20.35	220
Dez. 6	25.308	124	66.01	328	19.396	169	29.64	58	26.568	185	22.14	14	35.88	39	22.55	243
16	21 25.432	68	69.29	327	23 19.565	127	29.06	52	24 26.753	142	22.00	6	25 36.27	28	24.98	259
25	25.500	9	72.56	316	19.692	82	28.54	45	26.895	94	21.94	2	36.55	15	27.57	267
35	25.509		75.72		19.774		28.09		26.989		21.96		36.70		30.24	
Mittl. Ort	22.183		63.01		15.546		37.54		22.534		31.54		27.47		37.06	
sec δ, tg δ	1.363		−0.927		1.034		+0.264		1.083		+0.415		2.835		+2.653	
a, *a′*	+1.8		+0.2		+3.4		−0.4		+3.6		−1.0		+6.6		−1.1	
b, *b′*	0.00		−1.00		0.00		−1.00		0.00		−1.00		−0.01		−1.00	

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Tag	240) ζ Canis maj.				241) μ Geminorum				243) β Canis maj.				242) ψ^1 Aurigae			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$6^h\ 18^m$		−30° 2′		$6^h\ 19^m$		+22° 32′		$6^h\ 20^m$		−17° 55′		$6^h\ 20^m$		+49° 18′	
	s		″		s		″		s		″		s		″	
Jan. 0	6.550	22	22.52	278	28.251	70	32.45	2	9.920	39	44.26	228	27.601	85	61.99	164
10	6.572	31	25.30	257	28.321	18	32.47	12	9.959	9	46.54	209	27.686	12	63.63	165
20	6.541	81	27.87	228	28.339	33	32.59	18	9.950	57	48.63	184	27.698	60	65.28	158
30	6.460	127	30.15	195	28.306	82	32.77	21	9.893	101	50.47	156	27.638	126	66.86	144
Febr. 9	6.333	168	32.10	158	28.224	124	32.98	23	9.792	139	52.03	126	27.512	185	68.30	125
19	6.165	200	33.68	118	28.100	158	33.21	22	9.653	170	53.29	93	27.327	233	69.55	100
März 1	5.965	222	34.86	75	27.942	182	33.43	18	9.483	192	54.22	59	27.094	266	70.55	70
11	5.743	233	35.61	33	27.760	195	33.61	14	9.291	204	54.81	24	26.828	284	71.25	38
21	5.510	235	35.94	10	27.565	197	33.75	8	9.087	205	55.05	9	26.544	287	71.63	6
31	5.275	226	35.84	51	27.368	187	33.83	2	8.882	196	54.96	42	26.257	275	71.69	26
Apr. 10	5.049	207	35.33	91	27.181	168	33.85	2	8.686	179	54.54	74	25.982	248	71.43	58
20	4.842	180	34.42	130	27.013	139	33.83	6	8.507	154	53.80	104	25.734	210	70.85	85
30	4.662	146	33.12	165	26.874	104	33.77	7	8.353	122	52.76	133	25.524	161	70.00	108
Mai 10	4.516	108	31.47	197	26.770	64	33.70	8	8.231	85	51.43	159	25.363	105	68.92	126
20	4.408	67	29.50	224	26.706	21	33.62	6	8.146	46	49.84	182	25.258	47	67.66	139
30	4.341	22	27.26	246	26.685	23	33.56	4	8.100	5	48.02	201	25.211	15	66.27	147
Juni 9	4.319	22	24.80	263	26.708	67	33.52	0	8.095	36	46.01	215	25.226	76	64.80	150
19	4.341	66	22.17	272	26.775	107	33.52	5	8.131	75	43.86	223	25.302	134	63.30	149
29	4.407	107	19.45	275	26.882	146	33.57	8	8.206	112	41.63	226	25.436	190	61.81	144
Juli 9	4.514	145	16.70	269	27.028	180	33.65	11	8.318	147	39.37	222	25.626	239	60.37	135
19	4.659	182	14.01	256	27.208	211	33.76	14	8.465	179	37.15	212	25.865	283	59.02	124
29	4.841	213	11.45	234	27.419	236	33.90	14	8.644	206	35.03	194	26.148	322	57.78	111
Aug. 8	5.054	240	9.11	205	27.655	259	34.04	12	8.850	230	33.09	169	26.470	354	56.67	95
18	5.294	263	7.06	168	27.914	276	34.16	10	9.080	249	31.40	139	26.824	381	55.72	79
28	5.557	281	5.38	124	28.190	290	34.26	4	9.329	265	30.01	102	27.205	402	54.93	62
Sept. 7	5.838	295	4.14	75	28.480	301	34.30	2	9.594	277	28.99	62	27.607	417	54.31	44
17	6.133	303	3.39	23	28.781	307	34.28	9	9.871	284	28.37	17	28.024	427	53.87	25
27	6.436	306	3.16	32	29.088	311	34.19	17	10.155	287	28.20	29	28.451	432	53.62	6
Okt. 7	6.742	303	3.48	85	29.399	311	34.02	23	10.442	286	28.49	74	28.883	431	53.56	15
17	7.045	295	4.33	136	29.710	305	33.79	28	10.728	280	29.23	117	29.314	423	53.71	36
27	7.340	280	5.69	183	30.015	296	33.51	32	11.008	268	30.40	156	29.737	407	54.07	58
Nov. 6	7.620	258	7.52	223	30.311	280	33.19	32	11.276	250	31.96	189	30.144	383	54.65	80
16	7.878	230	9.75	256	30.591	258	32.87	29	11.526	226	33.85	214	30.527	351	55.45	101
26	8.108	194	12.31	277	30.849	229	32.58	25	11.752	196	35.99	232	30.878	309	56.46	122
Dez. 6	8.302	152	15.08	290	31.078	193	32.33	18	11.948	159	38.31	241	31.187	258	57.68	139
16	8.454	106	17.98	292	31.271	150	32.15	9	12.107	117	40.72	241	31.445	197	59.07	154
26	8.560	55	20.90	284	31.421	104	32.06	1	12.224	71	43.13	233	31.642	131	60.61	164
35	[26]8.615		23.74		[27]31.525		32.07		[27]12.295		45.46		[27]31.773		62.25	
Mittl. Ort	5.118		11.05		27.062		42.59		8.663		33.06		25.913		71.23	
sec δ, tg δ	1.155		−0.578		1.083		+0.415		1.051		−0.324		1.534		+1.163	
a, *a′*	+2.3		−1.6		+3.6		−1.7		+2.6		−1.8		+4.6		−1.8	
b, *b′*	0.00		−1.00		0.00		−1.00		0.00		−1.00		−0.01		−1.00	

Tag	244) 8 ε Monocerotis AR.		244) Dekl.		245) α Carinae AR.		245) Dekl.	
1942	6h 20m		+4° 37′		6h 22m		−52° 39′	
	s		"		s		"	
Jan. 0	42.755	60	15.48	106	42.038	25	58.79	341
10	42.815	12	14.42	93	42.013	97	62.20	318
20	42.827	36	13.49	78	41.916	165	65.38	286
30	42.791	79	12.71	62	41.751	226	68.24	248
Febr. 9	42.712	118	12.09	47	41.525	277	70.72	203
19	42.594	150	11.62	32	41.248	318	72.75	156
März 1	42.444	172	11.30	17	40.930	347	74.31	104
11	42.272	183	11.13	4	40.583	363	75.35	52
21	42.089	186	11.09	10	40.220	366	75.87	1
31	41.903	177	11.19	22	39.854	356	75.86	53
Apr. 10	41.726	159	11.41	35	39.498	334	75.33	103
20	41.567	133	11.76	48	39.164	301	74.30	151
30	41.434	101	12.24	60	38.863	260	72.79	194
Mai 10	41.333	65	12.84	73	38.603	211	70.85	233
20	41.268	25	13.57	83	38.392	156	68.52	268
30	41.243	15	14.40	94	38.236	98	65.84	295
Juni 9	41.258	54	15.34	103	38.138	37	62.89	316
19	41.312	92	16.37	108	38.101	23	59.73	327
29	41.404	128	17.45	112	38.124	84	56.46	331
Juli 9	41.532	160	18.57	111	38.208	143	53.15	326
19	41.692	189	19.68	107	38.351	197	49.89	309
29	41.881	214	20.75	99	38.548	248	46.80	285
Aug. 8	42.095	234	21.74	86	38.796	292	43.95	250
18	42.329	251	22.60	70	39.088	331	41.45	207
28	42.580	265	23.30	51	39.419	363	39.38	156
Sept. 7	42.845	275	23.81	27	39.782	386	37.82	99
17	43.120	282	24.08	2	40.168	401	36.83	37
27	43.402	285	24.10	24	40.569	405	36.46	26
Okt. 7	43.687	285	23.86	48	40.974	401	36.72	91
17	43.972	280	23.38	71	41.375	386	37.63	153
27	44.252	270	22.67	92	41.761	360	39.16	209
Nov. 6	44.522	256	21.75	107	42.121	323	41.25	259
16	44.778	235	20.68	118	42.444	278	43.84	299
26	45.013	207	19.50	124	42.722	222	46.83	329
Dez. 6	45.220	174	18.26	124	42.944	160	50.12	346
16	45.394	135	17.02	120	43.104	91	53.58	353
26	27 45.529	90	15.82	111	27 43.195	20	57.11	347
35	45.619		14.71		43.215		60.58	
Mittl. Ort	41.623		26.18		39.810		47.56	
sec δ, tg δ	1.003		+0.081		1.649		−1.311	
a, *a′*	+3.2		−1.8		+1.3		−2.0	
b, *b′*	0.00		−1.00		+0.01		−1.00	

Tag	246) 10 Monocerotis AR.		246) Dekl.		247) 8 Lyncis AR.		247) Dekl.	
1942	6h 25m		−4° 43′		6h 32m		+61° 31′	
	s		"		s		"	
Jan. 0	6.805	58	40.03	162	25.91	11	55.78	227
10	6.863	9	41.65	145	26.02	2	58.05	226
20	6.872	38	43.10	126	26.04	8	60.31	218
30	6.834	82	44.36	106	25.96	18	62.49	200
Febr. 9	6.752	120	45.42	83	25.78	25	64.49	174
19	6.632	152	46.25	59	25.53	32	66.23	141
März 1	6.480	174	46.84	37	25.21	37	67.64	103
11	6.306	186	47.21	14	24.84	40	68.67	61
21	6.120	189	47.35	8	24.44	40	69.28	18
31	5.931	181	47.27	30	24.04	40	69.46	28
Apr. 10	5.750	164	46.97	52	23.64	36	69.18	69
20	5.586	140	46.45	72	23.28	32	68.49	106
30	5.446	109	45.73	91	22.96	25	67.43	139
Mai 10	5.337	73	44.82	109	22.71	19	66.04	167
20	5.264	35	43.73	125	22.52	10	64.37	188
30	5.229	4	42.48	140	22.42	3	62.49	202
Juni 9	5.233	44	41.08	151	22.39	5	60.47	211
19	5.277	82	39.57	158	22.44	14	58.36	213
29	5.359	117	37.99	161	22.58	21	56.23	210
Juli 9	5.476	149	36.38	159	22.79	28	54.13	202
19	5.625	179	34.79	152	23.07	35	52.11	189
29	5.804	204	33.27	140	23.42	40	50.22	172
Aug. 8	6.008	227	31.87	122	23.82	45	48.50	152
18	6.235	244	30.65	100	24.27	49	46.98	129
28	6.479	259	29.65	73	24.76	52	45.69	104
Sept. 7	6.738	270	28.92	42	25.28	55	44.65	78
17	7.008	278	28.50	8	25.83	57	43.87	48
27	7.286	281	28.42	26	26.40	58	43.39	18
Okt. 7	7.567	282	28.68	60	26.98	58	43.21	12
17	7.849	278	29.28	92	27.56	57	43.33	45
27	8.127	268	30.20	120	28.13	55	43.78	78
Nov. 6	8.395	253	31.40	144	28.68	51	44.56	110
16	8.648	232	32.84	161	29.19	48	45.66	140
26	8.880	205	34.45	173	29.67	41	47.06	169
Dez. 6	9.085	171	36.18	177	30.08	35	48.75	193
16	9.256	131	37.95	175	30.43	27	50.68	213
26	28 9.387	87	39.70	166	30 30.70	17	52.81	224
35	9.474		41.36		30.87		55.05	
Mittl. Ort	5.647		29.18		23.61		65.41	
sec δ, tg δ	1.003		−0.083		2.098		+1.845	
a, *a′*	+3.0		−2.2		+5.5		−2.8	
b, *b′*	0.00		−0.99		−0.02		−0.99	

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Tag	249) ξ² Canis maj. AR.		Dekl.		251) γ Geminorum AR.		Dekl.		250) 51 Aurigae AR.		Dekl.		252) ν Puppis AR.		Dekl.	
1942	6h 32m		−22° 54′		6h 34m		+16° 26′		6h 34m		+39° 26′		6h 35m		−43° 8′	
	s		″		s		″		s		″		s		″	
Jan. 0	38.786	47	74.04	255	22.817	82	51.22	38	39.814	97	28.02	105	60.933	19	48.94	327
10	38.833	4	76.59	236	22.899	31	50.84	26	39.911	35	29.07	111	60.952	42	52.21	307
20	38.829	54	78.95	212	22.930	20	50.58	16	39.946	27	30.18	111	60.910	102	55.28	279
30	38.775	100	81.07	181	22.910	67	50.42	7	39.919	86	31.29	107	60.808	156	58.07	244
Febr. 9	38.675	140	82.88	148	22.843	110	50.35	1	39.833	138	32.36	96	60.652	203	60.51	203
19	38.535	173	84.36	113	22.733	145	50.36	7	39.695	182	33.32	82	60.449	243	62.54	158
März 1	38.362	198	85.49	76	22.588	171	50.43	10	39.513	213	34.14	64	60.206	270	64.12	111
11	38.164	211	86.25	38	22.417	185	50.53	12	39.300	233	34.78	42	59.936	287	65.23	62
21	37.953	214	86.63	1	22.232	189	50.65	14	39.067	238	35.20	18	59.649	292	65.85	13
31	37.739	209	86.64	36	22.043	183	50.79	13	38.829	230	35.38	5	59.357	285	65.98	36
Apr. 10	37.530	192	86.28	72	21.860	167	50.92	15	38.599	210	35.33	27	59.072	269	65.62	83
20	37.338	169	85.56	107	21.693	141	51.07	16	38.389	179	35.06	47	58.803	242	64.79	129
30	37.169	138	84.49	138	21.552	109	51.23	18	38.210	141	34.59	64	58.561	208	63.50	171
Mai 10	37.031	103	83.11	168	21.443	73	51.41	21	38.069	95	33.95	78	58.353	167	61.79	209
20	36.928	64	81.43	193	21.370	33	51.62	25	37.974	46	33.17	88	58.186	123	59.70	242
30	36.864	23	79.50	214	21.337	8	51.87	29	37.928	5	32.29	95	58.063	74	57.28	270
Juni 9	36.841	19	77.36	230	21.345	49	52.16	33	37.933	56	31.34	97	57.989	24	54.58	291
19	36.860	58	75.06	241	21.394	89	52.49	36	37.989	106	30.37	98	57.965	26	51.67	305
29	36.918	97	72.65	245	21.483	126	52.85	40	38.095	151	29.39	95	57.991	76	48.62	311
Juli 9	37.015	134	70.20	241	21.609	159	53.25	40	38.246	194	28.44	91	58.067	124	45.51	307
19	37.149	167	67.79	231	21.768	189	53.65	40	38.440	231	27.53	85	58.191	169	42.44	294
29	37.316	196	65.48	213	21.957	215	54.05	37	38.671	265	26.68	78	58.360	210	39.50	273
Aug. 8	37.512	223	63.35	188	22.172	238	54.42	31	38.936	293	25.90	70	58.570	247	36.77	242
18	37.735	245	61.47	155	22.410	257	54.73	22	39.229	317	25.20	62	58.817	279	34.35	203
28	37.980	264	59.92	117	22.667	273	54.95	11	39.546	336	24.58	53	59.096	306	32.32	156
Sept. 7	38.244	278	58.75	73	22.940	284	55.06	0	39.882	351	24.05	45	59.402	327	30.76	103
17	38.522	288	58.02	26	23.224	294	55.06	14	40.233	362	23.60	36	59.729	341	29.73	44
27	38.810	294	57.76	24	23.518	299	54.92	27	40.595	369	23.24	26	60.070	349	29.29	16
Okt. 7	39.104	294	58.00	73	23.817	301	54.65	40	40.964	371	22.98	15	60.419	350	29.45	77
17	39.398	290	58.73	120	24.118	299	54.25	52	41.335	368	22.83	3	60.769	341	30.22	136
27	39.688	279	59.93	164	24.417	291	53.73	60	41.703	358	22.80	11	61.110	324	31.58	192
Nov. 6	39.967	262	61.57	201	24.708	279	53.13	66	42.061	342	22.91	26	61.434	300	33.50	240
16	40.229	237	63.58	230	24.987	259	52.47	68	42.403	317	23.17	42	61.734	265	35.90	279
26	40.466	207	65.88	252	25.246	232	51.79	66	42.720	284	23.59	59	61.999	223	38.69	309
Dez. 6	40.673	169	68.40	263	25.478	199	51.13	60	43.004	242	24.18	74	62.222	174	41.78	329
16	40.842	127	71.03	267	25.677	159	50.53	53	43.246	193	24.92	90	62.396	118	45.07	335
26	$_{30}$40.969	78	73.70	260	$_{30}$25.836	114	50.00	42	$_{30}$43.439	137	25.82	101	$_{31}$62.514	58	48.42	332
35	41.047		76.30		25.950		49.58		43.576		26.83		62.572		51.74	
Mittl. Ort	37.449		63.33		21.672		61.77		38.426		38.26		59.104		38.63	
sec δ, tg δ	1.086		−0.423		1.043		+0.295		1.295		+0.823		1.371		−0.937	
a, a'	+2.5		−2.8		+3.5		−3.0		+4.2		−3.0		+1.8		−3.1	
b, b'	0.00		−0.99		0.00		−0.99		−0.01		−0.99		+0.01		−0.99	

Tag		248) 23 H. Camelop. AR.		Dekl.		253) *S* Monocerotis AR.		Dekl.		254) ε Geminorum AR.		Dekl.		256) ξ Geminorum AR.		Dekl.	
1942		$6^h\ 36^m$		$+79°\ 37'$		$6^h\ 37^m$		$+9°\ 56'$		$6^h\ 40^m$		$+25°\ 11'$		$6^h\ 42^m$		$+12°\ 57'$	
Jan.	0*)	^{s} 28.64	18	$''$ 47.34	302	^{s} 48.122	80	$''$ 52.93	79	^{s} $_1$23.018	94	$''$ 14.66	16	^{s} $_1$3.156	87	$''$ 24.53	61
	10	28.82	7	50.36	298	48.202	31	52.14	66	23.112	40	14.82	26	3.243	36	23.92	49
	20	28.75	31	53.34	284	48.233	18	51.48	52	23.152	14	15.08	34	3.279	14	23.43	37
	30	28.44	54	56.18	260	48.215	65	50.96	39	23.138	65	15.42	38	3.265	61	23.06	24
Febr.	9	27.90	74	58.78	225	48.150	106	50.57	26	23.073	111	15.80	40	3.204	103	22.82	14
	19	27.16	91	61.03	181	48.044	140	50.31	15	22.962	150	16.20	38	3.101	139	22.68	4
März	1	26.25	104	62.84	131	47.904	166	50.16	5	22.812	177	16.58	34	2.962	166	22.64	3
	11	25.21	112	64.15	76	47.738	181	50.11	4	22.635	195	16.92	27	2.796	181	22.67	8
	21	24.09	114	64.91	19	47.557	186	50.15	12	22.440	200	17.19	18	2.615	187	22.75	13
	31	22.95	111	65.10	36	47.371	180	50.27	19	22.240	194	17.37	10	2.428	182	22.88	18
Apr.	10	21.84	105	64.74	91	47.191	164	50.46	26	22.046	178	17.47	2	2.246	166	23.06	21
	20	20.79	94	63.83	141	47.027	140	50.72	34	21.868	153	17.49	5	2.080	143	23.27	26
	30	19.85	79	62.42	184	46.887	110	51.06	41	21.715	119	17.44	11	1.937	113	23.53	31
Mai	10	19.06	62	60.58	221	46.777	75	51.47	48	21.596	81	17.33	15	1.824	78	23.84	35
	20	18.44	43	58.37	249	46.702	36	51.95	55	21.515	40	17.18	18	1.746	39	24.19	41
	30	18.01	22	55.88	270	46.666	3	52.50	63	21.475	4	17.00	18	1.707	0	24.60	46
Juni	9	17.79	1	53.18	283	46.669	42	53.13	69	21.479	47	16.82	17	1.707	40	25.06	51
	19	17.78	20	50.35	287	46.711	81	53.82	74	21.526	89	16.65	16	1.747	79	25.57	55
	29	17.98	41	47.48	284	46.792	117	54.56	76	21.615	128	16.49	14	1.826	115	26.12	57
Juli	9	18.39	60	44.64	274	46.909	150	55.32	77	21.743	163	16.35	12	1.941	149	26.69	58
	19	18.99	77	41.90	258	47.059	179	56.09	73	21.906	196	16.23	11	2.090	178	27.27	55
	29	19.76	94	39.32	235	47.238	205	56.82	68	22.102	224	16.12	11	2.268	205	27.82	50
Aug.	8	20.70	109	36.97	208	47.443	228	57.50	58	22.326	248	16.01	11	2.473	227	28.32	43
	18	21.79	120	34.89	177	47.671	246	58.08	45	22.574	269	15.90	14	2.700	247	28.75	31
	28	22.99	131	33.12	142	47.917	262	58.53	30	22.843	286	15.76	18	2.947	264	29.06	18
Sept.	7	24.30	138	31.70	104	48.179	275	58.83	12	23.129	301	15.58	22	3.211	276	29.24	3
	17	25.68	143	30.66	63	48.454	284	58.95	8	23.430	310	15.36	27	3.487	287	29.27	14
	27	27.11	146	30.03	20	48.738	290	58.87	29	23.740	317	15.09	32	3.774	293	29.13	31
Okt.	7	28.57	146	29.83	24	49.028	292	58.58	49	24.057	320	14.77	35	4.067	296	28.82	49
	17	30.03	143	30.07	69	49.320	291	58.09	66	24.377	319	14.42	38	4.363	296	28.33	63
	27	31.46	136	30.76	113	49.611	283	57.43	81	24.696	312	14.04	38	4.659	290	27.70	75
Nov.	6	32.82	127	31.89	156	49.894	272	56.62	93	25.008	299	13.66	35	4.949	277	26.95	83
	16	34.09	115	33.45	197	50.166	253	55.69	100	25.307	279	13.31	29	5.226	259	26.12	89
	26	35.24	99	35.42	233	50.419	227	54.69	102	25.586	252	13.02	22	5.485	234	25.23	88
Dez.	6	36.23	79	37.75	264	50.646	194	53.67	99	25.838	218	12.80	12	5.719	201	24.35	85
	16	37.02	59	40.39	286	50.840	156	52.68	94	26.056	175	12.68	0	5.920	163	23.50	77
	26	$_{31}$37.61	34	43.25	300	$_{31}$50.996	112	51.74	83	$_{32}$26.231	128	12.68	11	$_{32}$6.083	118	22.73	66
	35	37.95		46.25		51.108		50.91		26.359		12.79		6.201		22.07	
Mittl. Ort		22.35		56.81		46.994		63.55		21.829		25.26		2.027		35.18	
sec δ, tg δ		5.557		+5.466		1.015		+0.175		1.105		+0.470		1.026		+0.230	
a, *a'*		+10.3		−3.2		+3.3		−3.3		+3.7		−3.5		+3.4		−3.7	
b, *b'*		− 0.06		−0.99		0.00		−0.99		−0.01		−0.98		0.00		−0.98	

*) Bei Stern 254) und 256) lies Jan. 1.

Scheinbare Sternörter 1942

Tag	257) α Canis maj. [1]				258) 18 Monocerotis				262) α Pictoris				261) ϑ Geminorum			
	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.
1942	$6^h\ 42^m$		−16° 38′		$6^h\ 44^m$		+2° 28′		$6^h\ 47^m$		−61° 52′		$6^h\ 48^m$		+34° 1′	
Jan. 1	36.881 s	59	18.11″	231	51.279 s	81	27.28″	126	38.86 s	1	52.08″	361	59.304 s	110	48.29″	70
10	[1] 36.940	9	20.42	213	[2] 51.360	33	26.02	111	[2] 38.85	11	55.69	344	[3] 59.414	51	48.99	78
20	36.949	40	22.55	189	51.393	15	24.91	94	38.74	21	59.13	318	59.465	7	49.77	84
30	36.909	86	24.44	163	51.378	62	23.97	77	38.53	28	62.31	282	59.458	64	50.61	85
Febr. 9	36.823	126	26.07	132	51.316	103	23.20	58	38.25	34	65.13	241	59.394	115	51.46	81
19	36.697	159	27.39	100	51.213	137	22.62	41	37.91	41	67.54	194	59.279	158	52.27	73
März 1	36.538	184	28.39	68	51.076	163	22.21	24	37.50	44	69.48	144	59.121	190	53.00	61
11	36.354	198	29.07	35	50.913	179	21.97	7	37.06	48	70.92	92	58.931	211	53.61	45
21	36.156	202	29.42	2	50.734	184	21.90	8	36.58	48	71.84	37	58.720	218	54.06	28
31	35.954	197	29.44	30	50.550	180	21.98	22	36.10	48	72.21	16	58.502	214	54.34	10
Apr. 10	35.757	182	29.14	61	50.370	166	22.20	37	35.62	46	72.05	69	58.288	199	54.44	7
20	35.575	159	28.53	91	50.204	143	22.57	51	35.16	43	71.36	120	58.089	172	54.37	24
30	35.416	131	27.62	119	50.061	115	23.08	64	34.73	39	70.16	168	57.917	138	54.13	38
Mai 10	35.285	96	26.43	144	49.946	81	23.72	77	34.34	33	68.48	211	57.779	97	53.75	49
20	35.189	58	24.99	166	49.865	45	24.49	89	34.01	27	66.37	251	57.682	53	53.26	58
30	35.131	19	23.33	185	49.820	7	25.38	99	33.74	20	63.86	283	57.629	7	52.68	65
Juni 9	35.112	20	21.48	199	49.813	32	26.37	108	33.54	13	61.03	309	57.622	40	52.03	67
19	35.132	59	19.49	208	49.845	69	27.45	114	33.41	6	57.94	327	57.662	85	51.36	70
29	35.191	96	17.41	212	49.914	105	28.59	116	33.35	3	54.67	336	57.747	128	50.66	68
Juli 9	35.287	131	15.29	210	50.019	137	29.75	116	33.38	10	51.31	336	57.875	168	49.98	66
19	35.418	162	13.19	200	50.156	167	30.91	112	33.48	17	47.95	325	58.043	203	49.32	64
29	35.580	190	11.19	185	50.323	193	32.03	103	33.65	25	44.70	305	58.246	236	48.68	61
Aug. 8	35.770	216	9.34	162	50.516	216	33.06	88	33.90	31	41.65	275	58.482	263	48.07	58
18	35.986	237	7.72	133	50.732	236	33.94	71	34.21	37	38.90	236	58.745	287	47.49	54
28	36.223	254	6.39	99	50.968	252	34.65	50	34.58	42	36.54	188	59.032	306	46.95	52
Sept. 7	36.477	269	5.40	59	51.220	266	35.15	25	35.00	46	34.66	132	59.338	323	46.43	48
17	36.746	280	4.81	17	51.486	277	35.40	1	35.46	49	33.34	70	59.661	335	45.95	45
27	37.026	286	4.64	28	51.763	283	35.39	29	35.95	50	32.64	5	59.996	345	45.50	40
Okt. 7	37.312	287	4.92	73	52.046	287	35.10	56	36.45	51	32.59	61	60.341	348	45.10	35
17	37.599	284	5.65	115	52.333	286	34.54	82	36.96	49	33.20	125	60.689	349	44.75	29
27	37.883	276	6.80	154	52.619	280	33.72	105	37.45	46	34.45	187	61.038	343	44.46	19
Nov. 6	38.159	261	8.34	187	52.899	269	32.67	122	37.91	43	36.32	242	61.381	330	44.27	8
16	38.420	240	10.21	213	53.168	251	31.45	135	38.34	36	38.74	289	61.711	310	44.19	5
26	38.660	211	12.34	231	53.419	225	30.10	142	38.70	30	41.63	325	62.021	280	44.24	19
Dez. 6	38.871	176	14.65	241	53.644	194	28.68	144	39.00	22	44.88	350	62.301	244	44.43	35
16	39.047	135	17.06	243	53.838	156	27.24	140	39.22	12	48.38	362	62.545	199	44.78	50
26	39.182	89	19.49	236	53.994	112	25.84	131	39.34	4	52.00	364	62.744	148	45.28	64
35	[32] 39.271		21.85		[33] 54.106		24.53		[34] 39.38		55.64		[34] 62.892		45.92	
Mittl. Ort	35.617		7.53		50.145		37.84		35.78		43.20		58.036		59.14	
sec δ, tg δ	1.044		−0.299		1.001		+0.043		2.122		−1.871		1.207		+0.675	
a, *a′*	+2.7		−3.7		+3.1		−3.9		+0.6		−4.1		+4.0		−4.3	
b, *b′*	0.00		−0.98		0.00		−0.98		+0.03		−0.98		−0.01		−0.98	

[1]) Ort des Hauptsterns; die jährliche Parallaxe (0.″371) ist bereits berücksichtigt.

Tag	266) ϑ Canis maj.				265) 15 Lyncis *m*				268) ε Canis maj.				269) ζ Geminorum			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$6^h\ 51^m$		$-11°\ 57'$		$6^h\ 52^m$		$+58°\ 29'$		$6^h\ 56^m$		$-28°\ 53'$		$7^h\ 0^m$		$+20°\ 39'$	
	s		"		s		"		s		"		s		"	
Jan. 1	30.876	76	62.74	209	17.552	147	53.54	209	22.197	65	40.45	288	41.289	112	14.64	17
10	[3] 30.952	27	64.83	192	[4] 17.699	57	55.63	214	[5] 22.262	12	43.33	271	[6] 41.401	59	14.47	5
20	30.979	21	66.75	171	17.756	34	57.77	211	22.274	41	46.04	247	41.460	6	14.42	7
30	30.958	68	68.46	147	17.722	120	59.88	199	22.233	92	48.51	218	41.466	46	14.49	17
Febr. 9	30.890	110	69.93	120	17.602	199	61.87	180	22.141	136	50.69	184	41.420	92	14.66	24
19	30.780	145	71.13	92	17.403	265	63.67	153	22.005	173	52.53	146	41.328	131	14.90	28
März 1	30.635	171	72.05	63	17.138	316	65.20	119	21.832	201	53.99	105	41.197	162	15.18	29
11	30.464	187	72.68	33	16.822	348	66.39	81	21.631	220	55.04	65	41.035	182	15.47	28
21	30.277	194	73.01	5	16.474	363	67.20	40	21.411	228	55.69	24	40.853	191	15.75	25
31	30.083	190	73.06	24	16.111	359	67.60	0	21.183	225	55.93	17	40.662	189	16.00	22
Apr. 10	29.893	178	72.82	50	15.752	337	67.60	41	20.958	212	55.76	58	40.473	176	16.22	17
20	29.715	157	72.32	77	15.415	299	67.19	79	20.746	193	55.18	96	40.297	155	16.39	13
30	29.558	130	71.55	102	15.116	249	66.40	113	20.553	165	54.22	132	40.142	126	16.52	9
Mai 10	29.428	97	70.53	124	14.867	188	65.27	142	20.388	131	52.90	167	40.016	92	16.61	8
20	29.331	62	69.29	146	14.679	121	63.85	165	20.257	95	51.23	195	39.924	54	16.69	6
30	29.269	24	67.83	163	14.558	50	62.20	183	20.162	54	49.28	221	39.870	14	16.75	6
Juni 9	29.245	14	66.20	176	14.508	24	60.37	194	20.108	13	47.07	241	39.856	27	16.81	6
19	29.259	51	64.44	186	14.532	95	58.43	201	20.095	28	44.66	255	39.883	66	16.87	8
29	29.310	87	62.58	190	14.627	165	56.42	201	20.123	68	42.11	262	39.949	104	16.95	7
Juli 9	29.397	121	60.68	189	14.792	230	54.41	198	20.191	107	39.49	261	40.053	139	17.02	6
19	29.518	153	58.79	182	15.022	289	52.43	190	20.298	143	36.88	252	40.192	170	17.08	6
29	29.671	180	56.97	169	15.311	343	50.53	177	20.441	177	34.36	237	40.362	199	17.14	2
Aug. 8	29.851	206	55.28	149	15.654	390	48.76	162	20.618	207	31.99	212	40.561	225	17.16	2
18	30.057	228	53.79	124	16.044	431	47.14	143	20.825	235	29.87	179	40.786	246	17.14	8
28	30.285	246	52.55	93	16.475	465	45.71	123	21.060	258	28.08	139	41.032	266	17.06	16
Sept. 7	30.531	262	51.62	57	16.940	493	44.48	100	21.318	278	26.69	94	41.298	281	16.90	26
17	30.793	274	51.05	18	17.433	514	43.48	74	21.596	292	25.75	45	41.579	295	16.64	35
27	31.067	282	50.87	22	17.947	528	42.74	47	21.888	303	25.30	8	41.874	304	16.29	45
Okt. 7	31.349	287	51.09	62	18.475	534	42.27	19	22.191	308	25.38	62	42.178	311	15.84	53
17	31.636	286	51.71	102	19.009	532	42.08	11	22.499	306	26.00	115	42.489	313	15.31	61
27	31.922	280	52.73	138	19.541	520	42.19	43	22.805	299	27.15	163	42.802	309	14.70	65
Nov. 6	32.202	268	54.11	168	20.061	498	42.62	75	23.104	284	28.78	206	43.111	301	14.05	66
16	32.470	249	55.79	192	20.559	463	43.37	107	23.388	261	30.84	243	43.412	284	13.39	64
26	32.719	224	57.71	210	21.022	416	44.44	136	23.649	231	33.27	269	43.696	261	12.75	57
Dez. 6	32.943	190	59.81	218	21.438	356	45.80	164	23.880	192	35.96	286	43.957	229	12.18	49
16	33.133	151	61.99	219	21.794	286	47.44	186	24.072	149	38.82	294	44.186	189	11.69	37
26	33.284	108	64.18	214	22.080	204	49.30	204	24.221	99	41.76	292	44.375	145	11.32	24
35*)	[35] 33.392		66.32		[35] 22.284		51.34		[36] 24.320		44.68		[37] 44.520		11.08	
Mittl. Ort	29.656		52.61		15.558		64.47		20.730		31.12		40.158		25.59	
sec δ, tg δ	1.022		−0.212		1.914		+1.632		1.142		−0.552		1.069		+0.377	
a, *a′*	+2.8		−4.5		+5.2		−4.5		+2.4		−4.9		+3.6		−5.2	
b, *b′*	0.00		−0.97		−0.02		−0.97		+0.01		−0.97		−0.01		−0.97	

*) Bei Stern 268) und 269) lies Dez. 36.

Scheinbare Sternörter 1942

Tag	271) γ Canis maj. AR.		Dekl.		273) δ Canis maj. AR.		Dekl.	
1942	7h 1m		−15° 32′		7h 6m		−26° 17′	
	s		″		s		″	
Jan. 1	6 9.272	83	56.05	230	7 3.346	79	68.54	280
10	9.355	33	58.35	214	3.425	26	71.34	265
20	9.388	16	60.49	192	3.451	27	73.99	242
30	9.372	63	62.41	167	3.424	77	76.41	214
Febr. 9	9.309	108	64.08	139	3.347	122	78.55	182
19	9.201	143	65.47	108	3.225	160	80.37	145
März 1	9.058	171	66.55	77	3.065	189	81.82	108
11	8.887	189	67.32	44	2.876	209	82.90	68
21	8.698	197	67.76	13	2.667	218	83.58	29
31	8.501	195	67.89	18	2.449	217	83.87	10
Apr. 10	8.306	184	67.71	48	2.232	207	83.77	49
20	8.122	164	67.23	78	2.025	188	83.28	86
30	7.958	139	66.45	105	1.837	162	82.42	121
Mai 10	7.819	108	65.40	130	1.675	131	81.21	154
20	7.711	73	64.10	154	1.544	95	79.67	182
30	7.638	36	62.56	173	1.449	58	77.85	208
Juni 9	7.602	2	60.83	188	1.391	17	75.77	227
19	7.604	40	58.95	199	1.374	22	73.50	242
29	7.644	76	56.96	205	1.396	61	71.08	249
Juli 9	7.720	110	54.91	204	1.457	99	68.59	249
19	7.830	142	52.87	197	1.556	134	66.10	242
29	7.972	172	50.90	184	1.690	167	63.68	228
Aug. 8	8.144	198	49.06	163	1.857	197	61.40	204
18	8.342	222	47.43	138	2.054	225	59.36	175
28	8.564	243	46.05	104	2.279	248	57.61	137
Sept. 7	8.807	259	45.01	67	2.527	268	56.24	93
17	9.066	274	44.34	26	2.795	285	55.31	46
27	9.340	284	44.08	17	3.080	296	54.85	5
Okt. 7	9.624	290	44.25	61	3.376	304	54.90	58
17	9.914	290	45.86	104	3.680	304	55.48	108
27	10.204	286	45.90	142	3.984	299	56.56	155
Nov. 6	10.490	275	47.32	177	4.283	286	58.11	198
16	10.765	256	49.09	204	4.569	266	60.09	233
26	11.021	231	51.13	224	4.835	238	62.42	260
Dez. 6	11.252	199	53.37	235	5.073	203	65.02	277
16	11.451	159	55.72	239	5.276	159	67.79	285
26	11.610	114	58.11	234	5.435	111	70.64	284
36	11.724		60.45		5.546		73.48	
Mittl. Ort	8.013		46.41		1.924		59.65	
sec δ, tg δ	1.038		−0.278		1.115		−0.494	
a, *a′*	+2.7		−5.3		+2.4		−5.7	
b, *b′*	0.00		−0.96		+0.01		−0.96	

Tag	274) 63 Aurigae AR.		Dekl.		277) λ Geminorum AR.		Dekl.	
1942	7h 7m		+39° 24′		7h 14m		+16° 38′	
	s		″		s		″	
Jan. 1	8 41.393	138	49.92	98	9 46.707	122	37.05	47
10	41.531	76	50.90	109	46.829	71	36.58	33
20	41.607	13	51.99	116	46.900	19	36.25	18
30	41.620	50	53.15	118	46.919	32	36.07	4
Febr. 9	41.570	107	54.33	113	46.887	80	36.03	6
19	41.463	155	55.46	102	46.807	119	36.09	14
März 1	41.308	194	56.48	88	46.688	151	36.23	20
11	41.114	220	57.36	68	46.537	173	36.43	24
21	40.894	232	58.04	46	46.364	184	36.67	26
31	40.662	232	58.50	23	46.180	184	36.93	25
Apr. 10	40.430	219	58.73	1	45.996	174	37.18	26
20	40.211	195	58.72	23	45.822	156	37.44	25
30	40.016	162	58.49	44	45.666	129	37.69	24
Mai 10	39.854	123	58.05	61	45.537	99	37.93	25
20	39.731	77	57.44	77	45.438	63	38.18	25
30	39.654	30	56.67	87	45.375	25	38.43	26
Juni 9	39.624	19	55.80	96	45.350	13	38.69	27
19	39.643	67	54.84	102	45.363	51	38.96	27
29	39.710	112	53.82	104	45.414	87	39.23	27
Juli 9	39.822	156	52.78	104	45.501	121	39.50	26
19	39.978	195	51.74	103	45.622	152	39.76	23
29	40.173	231	50.71	100	45.774	182	39.99	18
Aug. 8	40.404	262	49.71	96	45.956	207	40.17	11
18	40.666	290	48.75	91	46.163	230	40.28	1
28	40.956	314	47.84	85	46.393	250	40.29	9
Sept. 7	41.270	335	46.99	79	46.643	268	40.20	23
17	41.605	352	46.20	70	46.911	282	39.97	36
27	41.957	364	45.50	63	47.193	295	39.61	51
Okt. 7	42.321	373	44.87	51	47.488	303	39.10	64
17	42.694	376	44.36	39	47.791	307	38.46	74
27	43.070	373	43.97	23	48.098	307	37.72	84
Nov. 6	43.443	363	43.74	7	48.405	300	36.88	88
16	43.806	343	43.67	12	48.705	286	36.00	88
26	44.149	316	43.79	32	48.991	264	35.12	86
Dez. 6	44.465	279	44.11	53	49.255	235	34.26	78
16	44.744	232	44.64	72	49.490	198	33.48	67
26	44.976	178	45.36	93	49.688	154	32.81	54
36	45.154		46.29		49.842		32.27	
Mittl. Ort	40.092		61.51		45.612		47.99	
sec δ, tg δ	1.294		+0.822		1.044		+0.299	
a, *a′*	+4.1		−5.8		+3.5		−6.4	
b, *b′*	−0.02		−0.96		−0.01		−0.95	

Tag	278) π Puppis AR.		278) π Puppis Dekl.		279) δ Geminorum AR.		279) δ Geminorum Dekl.		281) δ Volantis AR.		281) δ Volantis Dekl.		280) 19 Lyncis *sq* AR.		280) 19 Lyncis *sq* Dekl.	
1942	$7^h\ 15^m$		$-36°\ 59'$		$7^h\ 16^m$		$+22°\ 5'$		$7^h\ 16^m$		$-67°\ 50'$		$7^h\ 18^m$		$+55°\ 23'$	
	s		"		s		"		s		"		s		"	
Jan. 1	7.289	78	39.55	322	40.709	129	15.77	13	55.96	3	69.63	372	10.191	185	22.30	186
10	9 7.367	20	42.77	308	10 40.838	76	15.64	1	10 55.99	10	73.35	363	10 10.376	101	24.16	198
20	7.387	37	45.85	287	40.914	22	15.65	15	55.89	20	76.98	343	10.477	17	26.14	202
30	7.350	93	48.72	257	40.936	30	15.80	25	55.69	31	80.41	315	10.494	67	28.16	197
Febr. 9	7.257	142	51.29	222	40.906	80	16.05	34	55.38	40	83.56	279	10.427	144	30.13	185
19	7.115	185	53.51	184	40.826	121	16.39	37	54.98	47	86.35	236	10.283	211	31.98	165
März 1	6.930	218	55.35	140	40.705	154	16.76	39	54.51	54	88.71	189	10.072	264	33.63	138
11	6.712	239	56.75	96	40.551	178	17.15	37	53.97	58	90.60	139	9.808	302	35.01	105
21	6.473	252	57.71	51	40.373	189	17.52	34	53.39	60	91.99	86	9.506	324	36.06	69
31	6.221	253	58.22	5	40.184	190	17.86	28	52.79	61	92.85	32	9.182	327	36.75	30
Apr. 10	5.968	244	58.27	40	39.994	180	18.14	22	52.18	60	93.17	21	8.855	314	37.05	9
20	5.724	227	57.87	84	39.814	162	18.36	16	51.58	57	92.96	74	8.541	286	36.96	46
30	5.497	200	57.03	126	39.652	135	18.52	10	51.01	54	92.22	126	8.255	247	36.50	80
Mai 10	5.297	169	55.77	164	39.517	102	18.62	6	50.47	47	90.96	172	8.008	196	35.70	111
20	5.128	131	54.13	199	39.415	66	18.68	2	50.00	41	89.24	216	7.812	139	34.59	138
30	4.997	92	52.14	229	39.349	28	18.70	1	49.59	34	87.08	255	7.673	77	33.21	158
Juni 9	4.905	48	49.85	254	39.321	13	18.69	2	49.25	25	84.53	286	7.596	13	31.63	175
19	4.857	6	47.31	272	39.334	51	18.67	4	49.00	16	81.67	311	7.583	51	29.88	186
29	4.851	39	44.59	282	39.385	89	18.63	5	48.84	7	78.56	327	7.634	115	28.02	191
Juli 9	4.890	81	41.77	285	39.474	125	18.58	7	48.77	3	75.29	333	7.749	176	26.11	193
19	4.971	122	38.92	280	39.599	157	18.51	9	48.80	13	71.96	331	7.925	231	24.18	190
29	5.093	160	36.12	264	39.756	186	18.42	12	48.93	22	68.65	318	8.156	282	22.28	184
Aug. 8	5.253	198	33.48	241	39.942	214	18.30	18	49.15	30	65.47	294	8.438	329	20.44	174
18	5.451	230	31.07	209	40.156	237	18.12	24	49.45	39	62.53	261	8.767	369	18.70	160
28	5.681	260	28.98	169	40.393	258	17.88	31	49.84	47	59.92	218	9.136	405	17.10	145
Sept. 7	5.941	285	27.29	122	40.651	276	17.57	40	50.31	52	57.74	166	9.541	436	15.65	127
17	6.226	306	26.07	68	40.927	292	17.17	48	50.83	58	56.08	109	9.977	461	14.38	106
27	6.532	321	25.39	12	41.219	304	16.69	57	51.41	60	54.99	44	10.438	481	13.32	83
Okt. 7	6.853	330	25.27	46	41.523	314	16.12	64	52.01	62	54.55	21	10.919	493	12.49	57
17	7.183	332	25.73	104	41.837	318	15.48	70	52.63	62	54.76	88	11.412	499	11.92	29
27	7.515	325	26.77	158	42.155	318	14.78	73	53.25	59	55.64	153	11.911	495	11.63	1
Nov. 6	7.840	312	28.35	209	42.473	311	14.05	72	53.84	55	57.17	212	12.406	482	11.64	32
16	8.152	288	30.44	251	42.784	297	13.33	68	54.39	49	59.29	265	12.888	456	11.96	65
26	8.440	257	32.95	284	43.081	275	12.65	60	54.88	40	61.94	308	13.344	420	12.61	96
Dez. 6	8.697	215	35.79	309	43.356	245	12.05	49	55.28	31	65.02	340	13.764	369	13.57	127
16	8.912	168	38.88	321	43.601	208	11.56	35	55.59	21	68.42	361	14.133	309	14.84	153
26	9.080	115	42.09	323	43.809	162	11.21	21	55.80	9	72.03	370	14.442	237	16.37	177
36	9.195		45.32		43.971		11.00		55.89		75.73		14.679		18.14	
Mittl. Ort	5.604		31.85		39.602		26.99		51.89		63.82		8.490		34.68	
sec δ, tg δ	1.252		−0.753		1.079		+0.406		2.652		−2.457		1.761		+1.449	
a, *a′*	+2.1		−6.5		+3.6		−6.6		0.0		−6.6		+4.9		−6.7	
b, *b′*	+0.02		−0.95		−0.01		−0.94		+0.05		−0.94		−0.03		−0.94	

Tag	282) ι Geminorum				285) β Canis min.				284) Grb 1308 Caml				286) ρ Geminorum			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$7^h\ 22^m$		$+27°\ 54'$		$7^h\ 24^m$		$+8°\ 24'$		$7^h\ 24^m$		$+68°\ 34'$		$7^h\ 25^m$		$+31°\ 53'$	
Jan. 1	$8^s.689$	141	$42''.69$	22	$1^s.408$	124	$17''.40$	100	$54^s.33$	27	$60''.52$	248	$24^s.120$	149	$53''.73$	46
11	(11) 8.830	86	42.91	36	(12) 1.532	75	16.40	86	(12) 54.60	13	63.00	259	(12) 24.269	93	54.19	61
20	8.916	29	43.27	50	1.607	24	15.54	69	54.73	1	65.59	262	24.362	34	54.80	74
30	8.945	27	43.77	58	1.631	25	14.85	52	54.74	12	68.21	254	24.396	25	55.54	81
Febr. 9	8.918	78	44.35	63	1.606	72	14.33	35	54.62	23	70.75	235	24.371	78	56.35	85
19	8.840	123	44.98	63	1.534	111	13.98	20	54.39	34	73.10	208	24.293	125	57.20	82
März 1	8.717	159	45.61	61	1.423	143	13.78	7	54.05	42	75.18	173	24.168	163	58.02	76
11	8.558	184	46.22	53	1.280	165	13.71	5	53.63	49	76.91	130	24.005	189	58.78	65
21	8.374	197	46.75	44	1.115	177	13.76	15	53.14	52	78.21	84	23.816	205	59.43	51
31	8.177	200	47.19	32	0.938	179	13.91	25	52.62	53	79.05	35	23.611	207	59.94	36
Apr. 10	7.977	190	47.51	20	0.759	170	14.16	31	52.09	52	79.40	15	23.404	199	60.30	20
20	7.787	172	47.71	8	0.589	155	14.47	40	51.57	47	79.25	62	23.205	180	60.50	4
30	7.615	145	47.79	4	0.434	130	14.87	46	51.10	43	78.63	106	23.025	153	60.54	11
Mai 10	7.470	112	47.75	13	0.304	102	15.33	52	50.67	35	77.57	146	22.872	119	60.43	26
20	7.358	74	47.62	22	0.202	69	15.85	59	50.32	27	76.11	180	22.753	81	60.17	37
30	7.284	34	47.40	29	0.133	34	16.44	64	50.05	18	74.31	208	22.672	39	59.80	46
Juni 9	7.250	7	47.11	33	0.099	2	17.08	69	49.87	7	72.23	230	22.633	3	59.34	54
19	7.257	47	46.78	38	0.101	39	17.77	72	49.80	2	69.93	244	22.636	46	58.80	60
29	7.304	88	46.40	41	0.140	73	18.49	72	49.82	12	67.49	253	22.682	87	58.20	63
Juli 9	7.392	124	45.99	43	0.213	106	19.21	72	49.94	21	64.96	254	22.769	126	57.57	67
19	7.516	159	45.56	45	0.319	136	19.93	67	50.15	31	62.42	251	22.895	161	56.90	69
29	7.675	190	45.11	47	0.455	165	20.60	59	50.46	39	59.91	242	23.056	195	56.21	70
Aug. 8	7.865	219	44.64	50	0.620	190	21.19	49	50.85	47	57.49	228	23.251	225	55.51	71
18	8.084	244	44.14	53	0.810	214	21.68	35	51.32	53	55.21	209	23.476	251	54.80	73
28	8.328	266	43.61	58	1.024	235	22.03	18	51.85	59	53.12	186	23.727	275	54.07	73
Sept. 7	8.594	287	43.03	60	1.259	252	22.21	1	52.44	65	51.26	159	24.002	297	53.34	74
17	8.881	303	42.43	64	1.511	269	22.20	23	53.09	70	49.67	130	24.299	314	52.60	75
27	9.184	317	41.79	68	1.780	282	21.97	45	53.79	72	48.37	97	24.613	329	51.85	73
Okt. 7	9.501	328	41.11	68	2.062	292	21.52	67	54.51	74	47.40	60	24.942	341	51.12	71
17	9.829	333	40.43	68	2.354	297	20.85	87	55.25	75	46.80	22	25.283	347	50.41	66
27	10.162	334	39.75	65	2.651	298	19.98	103	56.00	74	46.58	19	25.630	347	49.75	58
Nov. 6	10.496	328	39.10	58	2.949	293	18.95	117	56.74	72	46.77	60	25.977	342	49.17	48
16	10.824	314	38.52	48	3.242	280	17.78	125	57.46	68	47.37	102	26.319	328	48.69	35
26	11.138	291	38.04	36	3.522	260	16.53	128	58.14	62	48.39	142	26.647	305	48.34	18
Dez. 6	11.429	261	37.68	21	3.782	233	15.25	126	58.76	55	49.81	178	26.952	274	48.16	1
16	11.690	222	37.47	4	4.015	197	13.99	119	59.31	45	51.59	212	27.226	234	48.15	19
26	11.912	176	37.43	13	4.212	154	12.80	107	59.76	34	53.71	237	27.460	185	48.34	37
36	12.088		37.56		4.366		11.73		60.10		56.08		27.645		48.71	
Mittl. Ort	7.563		54.30		0.326		27.85		51.72		73.43		22.970		65.61	
sec δ, tg δ	1.132		+0.530		1.011		+0.148		2.739		+2.550		1.178		+0.623	
a, *a'*	+3.7		−7.0		+3.3		−7.2		+6.2		−7.3		+3.8		−7.3	
b, *b'*	−0.01		−0.94		0.00		−0.93		−0.06		−0.93		−0.02		−0.93	

Tag		287) α Geminorum¹) AR.		287) Dekl.		289) 25 Monocerotis AR.		289) Dekl.		291) α Canis min.²) AR.		291) Dekl.		292) 24 Lyncis AR.		292) Dekl.	
1942		$7^h\ 30^m$		+32° 0′		$7^h\ 34^m$		−3° 58′		$7^h\ 36^m$		+5° 22′		$7^h\ 38^m$		+58° 50′	
Jan.	1	55.184	155	51.31	44	24.752	125	57.72	177	17.085	129	19.02	125	8.326	232	40.69	195
	11	55.339	99	51.75	60	24.877	75	59.49	162	17.214	80	17.77	109	8.558	141	42.64	212
	20	55.438	39	52.35	73	24.952	26	61.11	143	17.294	29	16.68	91	8.699	48	44.76	221
	30	55.477	20	53.08	82	24.978	23	62.54	122	17.323	20	15.77	72	8.747	43	46.97	219
Febr.	9	55.457	73	53.90	85	24.955	68	63.76	99	17.303	67	15.05	53	8.704	130	49.16	209
	19	55.384	122	54.75	84	24.887	109	64.75	75	17.236	107	14.52	35	8.574	208	51.25	191
März	1	55.262	160	55.59	78	24.778	140	65.50	52	17.129	139	14.17	19	8.366	271	53.16	164
	11	55.102	188	56.37	68	24.638	162	66.02	30	16.990	162	13.98	4	8.095	318	54.80	131
	21	54.914	204	57.05	54	24.476	177	66.32	8	16.828	175	13.94	9	7.777	348	56.11	94
	31	54.710	207	57.59	40	24.299	179	66.40	13	16.653	178	14.03	21	7.429	359	57.05	52
Apr.	10	54.503	201	57.99	22	24.120	174	66.27	33	16.475	172	14.24	32	7.070	353	57.57	11
	20	54.302	183	58.21	6	23.946	159	65.94	52	16.303	157	14.56	41	6.717	330	57.68	31
	30	54.119	156	58.27	10	23.787	138	65.42	70	16.146	135	14.97	51	6.387	292	57.37	70
Mai	10	53.963	124	58.17	24	23.649	111	64.72	87	16.011	108	15.48	59	6.095	243	56.67	105
	20	53.839	85	57.93	36	23.538	81	63.85	102	15.903	76	16.07	67	5.852	185	55.62	137
	30	53.754	45	57.57	47	23.457	48	62.83	115	15.827	42	16.74	73	5.667	121	54.25	162
Juni	9	53.709	3	57.10	55	23.409	14	61.68	125	15.785	7	17.47	79	5.546	54	52.63	185
	19	53.706	39	56.55	61	23.395	21	60.43	134	15.778	28	18.26	83	5.492	16	50.78	200
	29	53.745	81	55.94	67	23.416	55	59.09	138	15.806	61	19.09	83	5.508	83	48.78	210
Juli	9	53.826	119	55.27	69	23.471	88	57.71	138	15.867	95	19.92	82	5.591	150	46.68	216
	19	53.945	155	54.58	73	23.559	118	56.33	132	15.962	125	20.74	77	5.741	212	44.52	216
	29	54.100	188	53.85	74	23.677	146	55.01	124	16.087	153	21.51	68	5.953	270	42.36	212
Aug.	8	54.288	219	53.11	76	23.823	174	53.77	109	16.240	180	22.19	57	6.223	324	40.24	204
	18	54.507	246	52.35	78	23.997	198	52.68	89	16.420	203	22.76	41	6.547	372	38.20	192
	28	54.753	270	51.57	80	24.195	221	51.79	65	16.623	225	23.17	22	6.919	417	36.28	177
Sept.	7	55.023	293	50.77	79	24.416	240	51.14	37	16.848	244	23.39	0	7.336	454	34.51	158
	17	55.316	311	49.98	81	24.656	258	50.77	5	17.092	261	23.39	24	7.790	486	32.93	137
	27	55.627	327	49.17	79	24.914	274	50.72	28	17.353	276	23.15	49	8.276	513	31.56	112
Okt.	7	55.954	339	48.38	77	25.188	284	51.00	62	17.629	286	22.66	73	8.789	532	30.44	84
	17	56.293	347	47.61	72	25.472	291	51.62	94	17.915	294	21.93	96	9.321	543	29.60	53
	27	56.640	348	46.89	64	25.763	293	52.56	124	18.209	295	20.97	116	9.864	545	29.07	20
Nov.	6	56.988	344	46.25	54	26.056	289	53.80	149	18.504	291	19.81	133	10.409	535	28.87	16
	16	57.332	331	45.71	39	26.345	278	55.29	169	18.795	281	18.48	143	10.944	512	29.03	51
	26	57.663	309	45.32	23	26.623	257	56.98	182	19.076	261	17.05	149	11.456	477	29.54	89
Dez.	6	57.972	278	45.09	5	26.880	231	58.80	189	19.337	235	15.56	148	11.933	426	30.43	124
	16	58.250	239	45.04	15	27.111	196	60.69	189	19.572	200	14.08	143	12.359	363	31.67	155
	26	58.489	190	45.19	34	27.307	155	62.58	182	19.772	159	12.65	132	12.722	288	33.22	182
	36	58.679		45.53		27.462		64.40		19.931		11.33		13.010		35.04	
Mittl. Ort		54.050		63.33		23.625		48.45		16.010		29.18		6.587		54.17	
sec δ, tg δ		1.179		+0.625		1.002		−0.070		1.004		+0.094		1.933		+1.654	
a, *a′*		+3.8		−7.7		+3.0		−8.0		+3.2		−8.2		+5.1		−8.3	
b, *b′*		−0.02		−0.92		0.00		−0.92		0.00		−0.91		−0.05		−0.91	

¹) Ort des helleren Sterns.

²) Ort des hellen Sterns; die jährliche Parallaxe (0.″312) ist bereits berücksichtigt.

Scheinbare Sternörter 1942

Tag		294) ϰ Geminorum AR.		294) ϰ Geminorum Dekl.		295) β Geminorum[1] AR.		295) β Geminorum[1] Dekl.	
1942		$7^h\ 40^m$		$+24°\ 32'$		$7^h\ 41^m$		$+28°\ 9'$	
Jan.	1	57.939	157	7.84	6	47.220	159	52.54	17
	11	58.096	103	7.78	12	47.379	105	52.71	34
	20	[16] 58.199	48	7.90	27	[16] 47.484	48	53.05	50
	30	58.247	7	8.17	40	47.532	8	53.55	61
Febr.	9	58.240	58	8.57	49	47.524	62	54.16	69
	19	58.182	104	9.06	54	47.462	110	54.85	71
März	1	58.078	142	9.60	56	47.352	147	55.56	70
	11	57.936	169	10.16	54	47.205	176	56.26	64
	21	57.767	185	10.70	48	47.029	193	56.90	55
	31	57.582	190	11.18	41	46.836	198	57.45	44
Apr.	10	57.392	186	11.59	31	46.638	193	57.89	31
	20	57.206	170	11.90	23	46.445	178	58.20	18
	30	57.036	147	12.13	13	46.267	154	58.38	5
Mai	10	56.889	119	12.26	4	46.113	124	58.43	7
	20	56.770	84	12.30	2	45.989	88	58.36	18
	30	56.686	47	12.28	10	45.901	51	58.18	26
Juni	9	56.639	10	12.18	15	45.850	11	57.92	34
	19	56.629	29	12.03	20	45.839	29	57.58	40
	29	56.658	67	11.83	24	45.868	67	57.18	46
Juli	9	56.725	102	11.59	28	45.935	104	56.72	50
	19	56.827	135	11.31	32	46.039	139	56.22	54
	29	56.962	167	10.99	37	46.178	171	55.68	58
Aug.	8	57.129	195	10.62	43	46.349	201	55.10	62
	18	57.324	222	10.19	49	46.550	228	54.48	67
	28	57.546	246	9.70	56	46.778	252	53.81	71
Sept.	7	57.792	267	9.14	63	47.030	274	53.10	76
	17	58.059	286	8.51	71	47.304	294	52.34	81
	27	58.345	303	7.80	77	47.598	311	51.53	83
Okt.	7	58.648	316	7.03	83	47.909	325	50.70	85
	17	58.964	325	6.20	86	48.234	333	49.85	84
	27	59.289	329	5.34	86	48.567	337	49.01	80
Nov.	6	59.618	325	4.48	82	48.904	334	48.21	74
	16	59.943	316	3.66	76	49.238	324	47.47	62
	26	60.259	298	2.90	64	49.562	305	46.85	49
Dez.	6	60.557	270	2.26	51	49.867	276	46.36	32
	16	60.827	233	1.75	34	50.143	238	46.04	13
	26	61.060	190	1.41	16	50.381	194	45.91	7
	36	61.250		1.25		50.575		45.98	
Mittl. Ort		56.882		19.54		46.146		64.52	
sec δ, tg δ		1.099		+0.457		1.134		+0.535	
a, *a'*		+3.6		−8.5		+3.7		−8.6	
b, *b'*		−0.01		−0.90		−0.02		−0.90	

Tag		297) ζ Volantis AR.		297) ζ Volantis Dekl.		296) π Geminorum AR.		296) π Geminorum Dekl.	
1942		$7^h\ 42^m$		$-72°\ 27'$		$7^h\ 43^m$		$+33°\ 33'$	
Jan.	1	38.11	8	64.32	375	47.286	172	22.77	49
	11	38.19	6	68.07	372	47.458	115	23.26	67
	20	[16] 38.13	20	71.79	359	[17] 47.573	54	23.93	82
	30	37.93	33	75.38	337	47.627	5	24.75	92
Febr.	9	37.60	44	78.75	307	47.622	62	25.67	97
	19	37.16	55	81.82	269	47.560	111	26.64	96
März	1	36.61	64	84.51	227	47.449	154	27.60	90
	11	35.97	70	86.78	179	47.295	183	28.50	80
	21	35.27	74	88.57	128	47.112	202	29.30	66
	31	34.53	76	89.85	76	46.910	209	29.96	49
Apr.	10	33.77	76	90.61	22	46.701	205	30.45	31
	20	33.01	75	90.83	31	46.496	188	30.76	13
	30	32.26	70	90.52	84	46.308	165	30.89	6
Mai	10	31.56	65	89.68	134	46.143	133	30.83	22
	20	30.91	58	88.34	181	46.010	97	30.61	38
	30	30.33	50	86.53	224	45.913	57	30.23	50
Juni	9	29.83	40	84.29	261	45.856	16	29.73	61
	19	29.43	30	81.68	290	45.840	27	29.12	69
	29	29.13	18	78.78	313	45.867	67	28.43	77
Juli	9	28.95	7	75.65	327	45.934	107	27.66	81
	19	28.88	5	72.38	333	46.041	143	26.85	86
	29	28.93	18	69.05	321	46.184	178	25.99	88
Aug.	8	29.11	29	65.84	307	46.362	210	25.11	92
	18	29.40	41	62.77	280	46.572	238	24.19	93
	28	29.81	51	59.97	243	46.810	265	23.26	94
Sept.	7	30.32	60	57.54	196	47.075	289	22.32	95
	17	30.92	67	55.58	142	47.364	310	21.37	95
	27	31.59	73	54.16	82	47.674	328	20.42	93
Okt.	7	32.32	76	53.34	15	48.002	343	19.49	89
	17	33.08	76	53.19	52	48.345	352	18.60	83
	27	33.84	75	53.71	116	48.697	357	17.77	73
Nov.	6	34.59	70	54.87	180	49.054	354	17.04	61
	16	35.29	64	56.67	236	49.408	344	16.43	45
	26	35.93	55	59.03	285	49.752	323	15.98	26
Dez.	6	36.48	43	61.88	324	50.075	294	15.72	5
	16	36.91	31	65.12	351	50.369	255	15.67	16
	26	37.22	17	68.63	368	50.624	208	15.83	37
	36	37.39		72.31		50.832		16.20	
Mittl. Ort		32.85		61.39		46.181		35.20	
sec δ, tg δ		3.319		−3.165		1.200		+0.663	
a, *a'*		−0.7		−8.7		+3.9		−8.8	
b, *b'*		+0.09		−0.90		−0.02		−0.90	

[1]) Die jährliche Parallaxe (0".101) ist bereits berücksichtigt.

Tag	300) Grb 1374 Caml				303) χ Carinae				305) χ Geminorum				306) ζ Puppis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	7h 53m		+74° 4′		7h 55m		−52° 49′		7h 59m		+27° 57′		8h 1m		−39° 50′	
	s		″		s		″		s		″		s		″	
Jan. 1	20.69	42	19.23	257	20.618	124	36.44	365	58.524	182	18.44	7	34.434	136	23.42	338
11	21.11	25	21.80	275	20.742	49	40.09	362	58.706	127	18.51	28	34.570	75	26.80	332
20*)	[19] 21.36	8	24.55	285	[20] 20.791	25	43.71	349	[21] 58.833	70	18.79	45	[21] 34.645	14	30.12	318
30	21.44	8	27.40	282	20.766	97	47.20	325	58.903	13	19.24	60	34.659	46	33.30	294
Febr. 9	21.36	24	30.22	269	20.669	164	50.45	296	58.916	41	19.84	71	34.613	101	36.24	265
19	21.12	39	32.91	244	20.505	222	53.41	258	58.875	91	20.55	75	34.512	150	38.89	230
März 1	20.73	51	35.35	210	20.283	271	55.99	216	58.784	131	21.30	76	34.362	191	41.19	190
11	20.22	61	37.45	169	20.012	306	58.15	170	58.653	163	22.06	72	34.171	222	43.09	147
21	19.61	67	39.14	122	19.706	331	59.85	120	58.490	183	22.78	65	33.949	243	44.56	103
31	18.94	71	40.36	70	19.375	343	61.05	71	58.307	192	23.43	54	33.706	253	45.59	57
Apr. 10	18.23	71	41.06	17	19.032	344	61.76	18	58.115	191	23.97	42	33.453	253	46.16	11
20	17.52	68	41.23	36	18.688	333	61.94	32	57.924	179	24.39	29	33.200	244	46.27	35
30	16.84	62	40.87	85	18.355	312	61.62	82	57.745	158	24.68	15	32.956	227	45.92	80
Mai 10	16.22	55	40.02	132	18.043	283	60.80	129	57.587	132	24.83	2	32.729	202	45.12	121
20	15.67	45	38.70	174	17.760	247	59.51	175	57.455	100	24.85	10	32.527	172	43.91	161
30	15.22	34	36.96	208	17.513	204	57.76	214	57.355	64	24.75	21	32.355	138	42.30	197
Juni 9	14.88	22	34.88	238	17.309	156	55.62	250	57.291	27	24.54	30	32.217	100	40.33	227
19	14.66	9	32.50	259	17.153	105	53.12	277	57.264	11	24.24	39	32.117	60	38.06	252
29	14.57	3	29.91	274	17.048	51	50.35	299	57.275	48	23.85	46	32.057	18	35.54	270
Juli 9	14.60	17	27.17	282	16.997	5	47.36	310	57.323	85	23.39	52	32.039	25	32.84	280
19	14.77	29	24.35	284	17.002	61	44.26	314	57.408	120	22.87	58	32.064	66	30.04	282
29	15.06	40	21.51	279	17.063	117	41.12	308	57.528	151	22.29	64	32.130	109	27.22	275
Aug. 8	15.46	51	18.72	269	17.180	171	38.04	291	57.679	183	21.65	71	32.239	150	24.47	259
18	15.97	62	16.03	252	17.351	224	35.13	265	57.862	211	20.94	76	32.389	188	21.88	234
28	16.59	71	13.51	232	17.575	272	32.48	227	58.073	237	20.18	82	32.577	225	19.54	199
Sept. 7	17.30	78	11.19	205	17.847	317	30.21	183	58.310	262	19.36	88	32.802	260	17.55	157
17	18.08	86	9.14	176	18.164	354	28.38	130	58.572	284	18.48	94	33.062	289	15.98	107
27	18.94	91	7.38	140	18.518	386	27.08	71	58.856	303	17.54	97	33.351	315	14.91	53
Okt. 7	19.85	95	5.98	102	18.904	407	26.37	8	59.159	320	16.57	100	33.666	334	14.38	6
17	20.80	97	4.96	60	19.311	418	26.29	57	59.479	333	15.57	100	34.000	346	14.44	65
27	21.77	98	4.36	15	19.729	419	26.86	121	59.812	340	14.57	97	34.346	350	15.09	123
Nov. 6	22.75	96	4.21	31	20.148	406	28.07	181	60.152	341	13.60	89	34.696	345	16.32	178
16	23.71	92	4.52	78	20.554	382	29.88	235	60.493	334	12.71	78	35.041	329	18.10	228
26	24.63	86	5.30	125	20.936	344	32.23	282	60.827	317	11.93	64	35.370	304	20.38	268
Dez. 6	25.49	77	6.55	169	21.280	295	35.05	320	61.144	292	11.29	45	35.674	268	23.06	301
16	26.26	65	8.24	208	21.575	236	38.25	345	61.436	258	10.84	26	35.942	224	26.07	323
26	26.91	51	10.32	242	21.811	169	41.70	360	61.694	214	10.58	6	36.166	171	29.30	334
36	27.42		12.74		21.980		45.30		61.908		10.52		36.337		32.64	
Mittl. Ort	17.58		33.81		18.199		33.34		57.515		30.67		32.662		19.52	
sec δ, tg δ	3.645		+3.505		1.655		−1.319		1.132		+0.531		1.302		−0.834	
a, *a*′	+7.2		−9.5		+1.5		−9.7		+3.7		−10.0		+2.1		−10.1	
b, *b*′	−0.11		−0.88		+0.04		−0.88		−0.02		−0.87		+0.03		−0.86	

*) Bei Stern 305) und 306) lies Jan. 21.

Scheinbare Sternörter 1942

Tag	307) 27 Lyncis AR.		Dekl.		308) ρ Puppis AR.		Dekl.		309) γ Velorum AR.		Dekl.		311) 20 Puppis AR.		Dekl.	
1942	8h 4m		+51° 40′		8h 5m		−24° 8′		8h 7m		−47° 9′		8h 10m		−15° 36′	
Jan. 1	7.478 s	243	18.43″	145	5.731 s	144	14.87″	283	46.739 s	143	55.90″	356	41.153 s	154	50.72″	246
11	7.721	169	19.88	167	5.875	92	17.70	274	46.882	77	59.46	353	41.307	104	53.18	234
21	22 7.890	90	21.55	183	22 5.967	39	20.44	257	23 46.959	9	62.99	341	23 41.411	52	55.52	217
30	7.980	11	23.38	191	6.006	14	23.01	234	46.968	57	66.40	319	41.463	2	57.69	195
Febr. 9	7.991	65	25.29	191	5.992	63	25.35	206	46.911	119	69.59	291	41.465	47	59.64	169
19	7.926	134	27.20	182	5.929	108	27.41	174	46.792	173	72.50	256	41.418	89	61.33	140
März 1	7.792	193	29.02	165	5.821	144	29.15	141	46.619	219	75.06	216	41.329	126	62.73	110
11	7.599	238	30.67	141	5.677	172	30.56	105	46.400	254	77.22	171	41.203	155	63.83	80
21	7.361	270	32.08	112	5.505	190	31.61	68	46.146	279	78.93	125	41.048	172	64.63	49
31	7.091	285	33.20	79	5.315	199	32.29	32	45.867	291	80.18	77	40.876	181	65.12	18
Apr. 10	6.806	287	33.99	43	5.116	199	32.61	5	45.576	294	80.95	27	40.695	182	65.30	12
20	6.519	273	34.42	7	4.917	190	32.56	41	45.282	286	81.22	22	40.513	174	65.18	41
30	6.246	248	34.49	28	4.727	174	32.15	75	44.996	269	81.00	69	40.339	158	64.77	68
Mai 10	5.998	212	34.21	61	4.553	152	31.40	108	44.727	245	80.31	116	40.181	137	64.09	95
20	5.786	168	33.60	92	4.401	125	30.32	138	44.482	213	79.15	160	40.044	112	63.14	118
30	5.618	120	32.68	119	4.276	95	28.94	165	44.269	177	77.55	198	39.932	83	61.96	140
Juni 9	5.498	67	31.49	142	4.181	61	27.29	188	44.092	137	75.57	233	39.849	52	60.56	158
19	5.431	12	30.07	160	4.120	28	25.41	206	43.955	92	73.24	261	39.797	20	58.98	172
29	5.419	43	28.47	175	4.092	7	23.35	218	43.863	45	70.63	282	39.777	12	57.26	181
Juli 9	5.462	95	26.72	184	4.099	41	21.17	225	43.818	2	67.81	296	39.789	45	55.45	185
19	5.557	147	24.88	191	4.140	76	18.92	224	43.820	51	64.85	300	39.834	77	53.60	184
29	5.704	196	22.97	193	4.216	109	16.68	216	43.871	99	61.85	295	39.911	108	51.76	176
Aug. 8	5.900	241	21.04	192	4.325	142	14.52	201	43.970	147	58.90	281	40.019	137	50.00	162
18	6.141	284	19.12	188	4.467	172	12.51	178	44.117	194	56.09	256	40.156	166	48.38	140
28	6.425	322	17.24	180	4.639	203	10.73	147	44.311	237	53.53	222	40.322	194	46.98	113
Sept. 7	6.747	358	15.44	170	4.842	229	9.26	110	44.548	277	51.31	180	40.516	220	45.85	80
17	7.105	390	13.74	155	5.071	254	8.16	67	44.825	314	49.51	129	40.736	243	45.05	42
27	7.495	418	12.19	139	5.325	276	7.49	20	45.139	343	48.22	73	40.979	264	44.63	1
Okt. 7	7.913	440	10.80	119	5.601	293	7.29	29	45.482	366	47.49	11	41.243	282	44.62	42
17	8.353	457	9.61	95	5.894	306	7.58	79	45.848	380	47.38	51	41.525	295	45.04	85
27	8.810	466	8.66	67	6.200	311	8.37	127	46.228	386	47.89	113	41.820	303	45.89	126
Nov. 6	9.276	465	7.99	38	6.511	310	9.64	171	46.614	378	49.02	172	42.123	303	47.15	163
16	9.741	454	7.61	5	6.821	300	11.35	210	46.992	361	50.74	225	42.426	296	48.78	196
26	10.195	432	7.56	30	7.121	282	13.45	241	47.353	332	52.99	271	42.722	280	50.74	220
Dez. 6	10.627	396	7.86	65	7.403	254	15.86	264	47.685	292	55.70	308	43.002	256	52.94	238
16	11.023	347	8.51	98	7.657	218	18.50	278	47.977	242	58.78	334	43.258	223	55.32	246
26	11.370	288	9.49	130	7.875	175	21.28	282	48.219	182	62.12	350	43.481	182	57.78	247
36	11.658		10.79		8.050		24.10		48.401		65.62		43.663		60.25	
Mittl. Ort	6.177		32.75		4.382		9.27		44.659		53.34		39.956		44.24	
sec δ, tg δ	1.613		+1.265		1.096		−0.448		1.471		−1.078		1.038		−0.279	
a, a'	+4.5		−10.3		+2.6		−10.4		+1.9		−10.6		+2.8		−10.8	
b, b'	−0.04		−0.86		+0.02		−0.85		+0.04		−0.85		+0.01		−0.84	

Tag	310) Br 1147 Caml AR.		310) Dekl.		312) β Cancri AR.		312) Dekl.	
1942	$8^h\ 12^m$		$+75°\ 55'$		$8^h\ 13^m$		$+9°\ 21'$	
	s		″		s		″	
Jan. 1	21.71	53	58.07	252	23.213	173	46.45	111
11	22.24	35	60.59	276	23.386	124	45.34	93
21	$_{24}$22.59	16	63.35	290	$_{24}$23.510	73	44.41	73
30	22.75	3	66.25	291	23.583	21	43.68	54
Febr. 9	22.72	21	69.16	283	23.604	28	43.14	34
19	22.51	39	71.99	262	23.576	72	42.80	16
März 1	22.12	53	74.61	232	23.504	110	42.64	2
11	21.59	64	76.93	192	23.394	138	42.62	12
21	20.95	74	78.85	145	23.256	159	42.74	22
31	20.21	79	80.30	95	23.097	168	42.96	31
Apr. 10	19.42	80	81.25	41	22.929	168	43.27	37
20	18.62	78	81.66	14	22.761	160	43.64	43
30	17.84	74	81.52	66	22.601	144	44.07	47
Mai 10	17.10	67	80.86	115	22.457	122	44.54	51
20	16.43	56	79.71	160	22.335	96	45.05	55
30	15.87	45	78.11	200	22.239	66	45.60	56
Juni 9	15.42	32	76.11	232	22.173	35	46.16	58
19	15.10	19	73.79	259	22.138	3	46.74	58
29	14.91	4	71.20	278	22.135	29	47.32	57
Juli 9	14.87	10	68.42	290	22.164	61	47.89	53
19	14.97	24	65.52	296	22.225	92	48.42	48
29	15.21	38	62.56	295	22.317	120	48.90	39
Aug. 8	15.59	50	59.61	288	22.437	148	49.29	29
18	16.09	62	56.73	274	22.585	174	49.58	14
28	16.71	73	53.99	256	22.759	199	49.72	2
Sept. 7	17.44	83	51.43	232	22.958	224	49.70	22
17	18.27	92	49.11	203	23.182	245	49.48	43
27	19.19	99	47.08	168	23.427	266	49.05	64
Okt. 7	20.18	104	45.40	131	23.693	283	48.41	85
17	21.22	108	44.09	88	23.976	297	47.56	104
27	22.30	109	43.21	42	24.273	306	46.52	122
Nov. 6	23.39	109	42.79	6	24.579	308	45.30	133
16	24.48	106	42.85	55	24.887	304	43.97	142
26	25.54	99	43.40	105	25.191	291	42.55	144
Dez. 6	26.53	90	44.45	153	25.482	270	41.11	141
16	27.43	78	45.98	196	25.752	240	39.70	132
26	28.21	63	47.94	234	25.992	201	38.38	120
36	28.84		50.28		26.193		37.18	
Mittl. Ort	18.51		73.68		22.243		56.44	
sec δ, tg δ	4.116		+3.992		1.013		+0.165	
a, *a′*	+7.5		−10.9		+3.3		−11.0	
b, *b′*	−0.15		− 0.84		−0.01		− 0.84	

Tag	314) 31 Lyncis AR.		314) Dekl.		315) ε Carinae AR.		315) Dekl.	
1942	$8^h\ 18^m$		$+43°\ 22'$		$8^h\ 21^m$		$-59°\ 19'$	
	s		″		s		″	
Jan. 1	53.345	234	18.87	89	22.436	174	20.11	371
11	53.579	172	19.76	115	22.610	89	23.82	375
21	$_{26}$53.751	104	20.91	135	$_{26}$22.699	1	27.57	369
30	53.855	35	22.26	148	22.700	84	31.26	352
Febr. 9	53.890	32	23.74	155	22.616	162	34.78	328
19	53.858	93	25.29	154	22.454	234	38.06	294
März 1	53.765	145	26.83	145	22.220	294	41.00	256
11	53.620	187	28.28	131	21.926	342	43.56	212
21	53.433	216	29.59	110	21.584	377	45.68	165
31	53.217	232	30.69	86	21.207	399	47.33	114
Apr. 10	52.985	236	31.55	58	20.808	409	48.47	63
20	52.749	227	32.13	30	20.399	404	49.10	10
30	52.522	208	32.43	0	19.995	390	49.20	43
Mai 10	52.314	180	32.43	28	19.605	365	48.77	93
20	52.134	146	32.15	53	19.240	330	47.84	142
30	51.988	105	31.62	78	18.910	289	46.42	187
Juni 9	51.883	63	30.84	98	18.621	238	44.55	227
19	51.820	18	29.86	116	18.383	184	42.28	261
29	51.802	26	28.70	131	18.199	123	39.67	288
Juli 9	51.828	71	27.39	142	18.076	60	36.79	308
19	51.899	114	25.97	151	18.016	6	33.71	317
29	52.013	154	24.46	158	18.022	73	30.54	318
Aug. 8	52.167	193	22.88	161	18.095	142	27.36	307
18	52.360	229	21.27	162	18.237	207	24.29	287
28	52.589	264	19.65	162	18.444	270	21.42	256
Sept. 7	52.853	296	18.03	158	18.714	330	18.86	215
17	53.149	325	16.45	152	19.044	382	16.71	166
27	53.474	352	14.93	144	19.426	426	15.05	108
Okt. 7	53.826	375	13.49	132	19.852	459	13.97	46
17	54.201	393	12.17	116	20.311	481	13.51	18
27	54.594	404	11.01	97	20.792	488	13.69	86
Nov. 6	54.998	408	10.04	75	21.280	481	14.55	149
16	55.406	403	9.29	48	21.761	457	16.04	209
26	55.809	387	8.81	19	22.218	419	18.13	261
Dez. 6	56.196	360	8.62	12	22.637	366	20.74	305
16	56.556	322	8.74	43	23.003	300	23.79	339
26	56.878	272	9.17	74	23.303	225	27.18	361
36	57.150		9.91		23.528		30.79	
Mittl. Ort	52.290		33.00		19.506		20.12	
sec δ, tg δ	1.376		+0.945		1.960		−1.686	
a, *a′*	+4.1		−11.4		+1.2		−11.6	
b, *b′*	−0.04		− 0.82		+0.06		− 0.82	

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Tag	318) ϑ Chamael. AR.	Δ	318) ϑ Chamael. Dekl.	Δ	316) Br 1197 Hydra AR.	Δ	316) Br 1197 Hydra Dekl.	Δ	317) o Ursae maj. AR.	Δ	317) o Ursae maj. Dekl.	Δ	320) Grb 1450 Lynx AR.	Δ	320) Grb 1450 Lynx Dekl.	Δ
1942	$8^h\ 22^m$		$-77°\ 17'$		$8^h\ 22^m$		$-3°\ 42'$		$8^h\ 25^m$		$+60°\ 54'$		$8^h\ 29^m$		$+38°\ 12'$	
	s		"		s		"		s		"		s		"	
Jan. 1	32.54	26	51.34	367	46.769	171	65.33	188	29.18	32	34.97	178	10.031	231	46.87	54
11	32.80	7	55.01	377	46.940	124	67.21	173	29.50	24	36.75	206	10.262	174	47.41	80
21	32.87	13	58.78	374	47.064	73	68.94	155	29.74	14	38.81	226	10.436	112	48.21	102
30	32.74	30	62.52	363	47.137	23	70.49	133	29.88	4	41.07	236	10.548	48	49.23	119
Febr. 9	32.44	48	66.15	342	47.160	25	71.82	109	29.92	5	43.43	236	10.596	15	50.42	129
19	31.96	63	69.57	313	47.135	69	72.91	86	29.87	15	45.79	227	10.581	73	51.71	134
März 1	31.33	76	72.70	277	47.066	106	73.77	63	29.72	22	48.06	208	10.508	123	53.05	130
11	30.57	86	75.47	237	46.960	135	74.40	39	29.50	29	50.14	181	10.385	163	54.35	121
21	29.71	95	77.84	190	46.825	155	74.79	17	29.21	33	51.95	146	10.222	192	55.56	106
31	28.76	100	79.74	141	46.670	166	74.96	3	28.88	37	53.41	107	10.030	208	56.62	87
Apr. 10	27.76	103	81.15	90	46.504	167	74.93	22	28.51	37	54.48	65	9.822	213	57.49	65
20	26.73	103	82.05	36	46.337	162	74.71	41	28.14	37	55.13	20	9.609	208	58.14	42
30	25.70	102	82.41	18	46.175	147	74.30	58	27.77	34	55.33	23	9.401	191	58.56	16
Mai 10	24.68	97	82.23	70	46.028	129	73.72	74	27.43	31	55.10	66	9.210	167	58.72	8
20	23.71	90	81.53	121	45.899	103	72.98	87	27.12	26	54.44	104	9.043	137	58.64	30
30	22.81	81	80.32	170	45.796	77	72.11	101	26.86	20	53.40	139	8.906	101	58.34	52
Juni 9	22.00	71	78.62	213	45.719	48	71.10	110	26.66	14	52.01	170	8.805	64	57.82	71
19	21.29	57	76.49	251	45.671	18	70.00	118	26.52	7	50.31	195	8.741	23	57.11	88
29	20.72	44	73.98	283	45.653	14	68.82	122	26.45	1	48.36	216	8.718	17	56.23	103
Juli 9	20.28	29	71.15	306	45.667	43	67.60	123	26.44	6	46.20	230	8.735	56	55.20	115
19	19.99	12	68.09	320	45.710	74	66.37	120	26.50	13	43.90	240	8.791	96	54.05	125
29	19.87	4	64.89	325	45.784	103	65.17	111	26.63	20	41.50	245	8.887	132	52.80	133
Aug. 8	19.91	21	61.64	319	45.887	130	64.06	99	26.83	25	39.05	245	9.019	169	51.47	139
18	20.12	38	58.45	302	46.017	159	63.07	81	27.08	31	36.60	240	9.188	202	50.08	144
28	20.50	54	55.43	275	46.176	184	62.26	58	27.39	37	34.20	231	9.390	235	48.64	147
Sept. 7	21.04	68	52.68	237	46.360	210	61.68	32	27.76	41	31.89	217	9.625	266	47.17	149
17	21.72	81	50.31	189	46.570	233	61.36	2	28.17	46	29.72	199	9.891	294	45.68	147
27	22.53	91	48.42	135	46.803	255	61.34	30	28.63	50	27.73	177	10.185	321	44.21	144
Okt. 7	23.44	99	47.07	74	47.058	274	61.64	63	29.13	54	25.96	150	10.506	344	42.77	138
17	24.43	102	46.33	7	47.332	289	62.27	95	29.67	56	24.46	120	10.850	363	41.39	127
27	25.45	103	46.26	58	47.621	299	63.22	126	30.23	57	23.26	84	11.213	376	40.12	114
Nov. 6	26.48	100	46.84	124	47.920	302	64.48	152	30.80	58	22.42	46	11.589	383	38.98	96
16	27.48	93	48.08	186	48.222	299	66.00	174	31.38	57	21.96	5	11.972	381	38.02	74
26	28.41	84	49.94	242	48.521	286	67.74	188	31.95	55	21.91	37	12.353	368	37.28	50
Dez. 6	29.25	70	52.36	289	48.807	266	69.62	197	32.50	51	22.28	81	12.721	344	36.78	21
16	29.95	54	55.25	327	49.073	237	71.59	197	33.01	45	23.09	121	13.065	312	36.57	8
26	30.49	36	58.52	353	49.310	199	73.56	193	33.46	39	24.30	159	13.377	266	36.65	38
36	30.85		62.05		49.509		75.49		33.85		25.89		13.643		37.03	
Mittl. Ort	25.23		52.92		45.736		57.55		27.72		50.68		9.084		60.69	
sec δ, tg δ	4.548		−4.437		1.002		−0.065		2.057		+1.798		1.273		+0.787	
a, *a′*	−1.7		−11.7		+3.0		−11.7		+5.0		−11.9		+3.9		−12.1	
b, *b′*	+0.17		−0.81		0.00		−0.81		−0.07		−0.81		−0.03		−0.80	

Tag	321) η Cancri AR.		321) η Cancri Dekl.		327) α Pyxidis AR.		327) α Pyxidis Dekl.		326) δ Cancri AR.		326) δ Cancri Dekl.		330) δ Velorum *m* AR.		330) δ Velorum *m* Dekl.	
1942	8h 29m		+20° 38′		8h 41m		−32° 58′		8h 41m		+18° 21′		8h 43m		−54° 29′	
Jan. 1	22.289 s	200	10.93 ″	50	17.092 s	182	36.60 ″	317	24.315 s	208	56.54 ″	69	8.576 s	205	41.12 ″	363
11	22.489	150	10.43	28	17.274	129	39.77	314	24.523	159	55.85	47	8.781	131	44.75	370
21	22.639	96	10.15	7	17.403	73	42.91	304	24.682	108	55.38	24	8.912	53	48.45	366
30*)	[28] 22.735	43	10.08	14	17.476	16	45.95	287	24.790	54	55.14	3	8.965	23	52.11	354
Febr. 9	22.778	11	10.22	30	[31] 17.492	39	48.82	261	[31] 24.844	1	55.11	16	[1] 8.942	95	55.65	332
19	22.767	59	10.52	44	17.453	88	51.43	231	24.845	47	55.27	32	8.847	162	58.97	302
März 1	22.708	101	10.96	52	17.365	131	53.74	197	24.798	90	55.59	43	8.685	219	61.99	267
11	22.607	134	11.48	58	17.234	165	55.71	160	24.708	124	56.02	51	8.466	266	64.66	225
21	22.473	158	12.06	59	17.069	190	57.31	120	24.584	148	56.53	55	8.200	302	66.91	181
31	22.315	171	12.65	57	16.879	206	58.51	80	24.436	163	57.08	56	7.898	325	68.72	133
Apr. 10	22.144	174	13.22	52	16.673	212	59.31	38	24.273	169	57.64	54	7.573	338	70.05	83
20	21.970	168	13.74	46	16.461	211	59.69	3	24.104	164	58.18	49	7.235	339	70.88	32
30	21.802	154	14.20	39	16.250	200	59.66	44	23.940	153	58.67	45	6.896	331	71.20	19
Mai 10	21.648	134	14.59	31	16.050	185	59.22	83	23.787	135	59.12	39	6.565	313	71.01	69
20	21.514	108	14.90	24	15.865	163	58.39	120	23.652	111	59.51	32	6.252	287	70.32	118
30	21.406	78	15.14	15	15.702	137	57.19	154	23.541	84	59.83	26	5.965	254	69.14	162
Juni 9	21.328	47	15.29	8	15.565	107	55.65	184	23.457	55	60.09	18	5.711	215	67.52	204
19	21.281	14	15.37	1	15.458	76	53.81	209	23.402	23	60.27	12	5.496	170	65.48	239
29	21.267	18	15.38	7	15.382	41	51.72	230	23.379	7	60.39	5	5.326	122	63.09	269
Juli 9	21.285	52	15.31	14	15.341	6	49.42	242	23.386	39	60.44	3	5.204	70	60.40	290
19	21.337	83	15.17	22	15.335	30	47.00	249	23.425	70	60.41	12	5.134	14	57.50	303
29	21.420	113	14.95	31	15.365	67	44.51	246	23.495	100	60.29	22	5.120	43	54.47	307
Aug. 8	21.533	144	14.64	42	15.432	104	42.05	236	23.595	129	60.07	32	5.163	102	51.40	301
18	21.677	171	14.22	52	15.536	140	39.69	218	23.724	157	59.75	45	5.265	159	48.39	284
28	21.848	199	13.70	64	15.676	177	37.51	189	23.881	185	59.30	58	5.424	216	45.55	257
Sept. 7	22.047	225	13.06	76	15.853	211	35.62	154	24.066	212	58.72	73	5.640	271	42.98	220
17	22.272	249	12.30	89	16.064	244	34.08	112	24.278	238	57.99	87	5.911	321	40.78	174
27	22.521	273	11.41	101	16.308	274	32.96	63	24.516	262	57.12	102	6.232	364	39.04	120
Okt. 7	22.794	293	10.40	112	16.582	299	32.33	10	24.778	284	56.10	114	6.596	400	37.84	61
17	23.087	310	9.28	119	16.881	319	32.23	45	25.062	303	54.96	125	6.996	427	37.23	3
27	23.397	322	8.09	125	17.200	332	32.68	99	25.365	317	53.71	133	7.423	441	37.26	67
Nov. 6	23.719	328	6.84	125	17.532	337	33.67	151	25.682	324	52.38	136	7.864	443	37.93	131
16	24.047	327	5.59	121	17.869	332	35.18	199	26.006	326	51.02	135	8.307	430	39.24	191
26	24.374	316	4.38	113	18.201	317	37.17	240	26.332	317	49.67	129	8.737	404	41.15	245
Dez. 6	24.690	296	3.25	99	18.518	292	39.57	274	26.649	299	48.38	116	9.141	364	43.60	290
16	24.986	268	2.26	83	18.810	258	42.31	297	26.948	273	47.22	101	9.505	311	46.50	326
26	25.254	229	1.43	62	19.068	213	45.28	311	27.221	236	46.21	81	9.816	247	49.76	351
36	25.483		0.81		19.281		48.39		27.457		45.40		10.063		53.27	
Mittl. Ort	21.398		22.40		15.605		34.76		23.466		67.60		6.112		42.66	
sec δ, tg δ	1.069		+0.377		1.192		−0.649		1.054		+0.332		1.722		−1.402	
a, *a′*	+3.5		−12.2		+2.4		−13.0		+3.4		−13.0		+1.7		−13.1	
b, *b′*	−0.02		−0.80		+0.03		−0.76		−0.01		−0.76		+0.06		−0.76	

*) Bei Stern 327), 326) und 330) lies Jan. 31.

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Tag	328) ι Cancri				334) ζ Hydrae				336) 108 G. Carinae				335) ι Ursae maj.			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	8h 43m		+28° 58′		8h 52m		+6° 9′		8h 53m		−60° 25′		8h 55m		+48° 15′	
	s		"		s		"		s		"		s		"	
Jan. 1	12.308	226	11.73	7	20.581	205	54.10	142	47.03	23	17.51	364	15.650	294	59.33	93
11	12.534	174	11.66	18	20.786	159	52.68	124	47.26	16	21.15	376	15.944	230	60.26	125
21	12.708	119	11.84	42	20.945	109	51.44	102	47.42	7	24.91	377	16.174	160	61.51	152
31	1 12.827	61	12.26	64	21.054	58	50.42	80	3 47.49	2	28.68	367	16.334	86	63.03	172
Febr. 9	12.888	4	12.90	79	3 21.112	9	49.62	58	47.47	11	32.35	349	4 16.420	12	64.75	184
19	12.892	50	13.69	90	21.121	38	49.04	37	47.36	18	35.84	323	16.432	57	66.59	188
März 1	12.842	95	14.59	95	21.083	79	48.67	17	47.18	25	39.07	288	16.375	119	68.47	184
11	12.747	133	15.54	95	21.004	112	48.50	0	46.93	31	41.95	250	16.256	172	70.31	170
21	12.614	161	16.49	90	20.892	136	48.50	14	46.62	35	44.45	205	16.084	211	72.01	150
31	12.453	178	17.39	80	20.756	151	48.64	27	46.27	38	46.50	158	15.873	238	73.51	124
Apr. 10	12.275	185	18.19	68	20.605	158	48.91	37	45.89	40	48.08	108	15.635	252	74.75	94
20	12.090	180	18.87	54	20.447	156	49.28	45	45.49	41	49.16	55	15.383	252	75.69	60
30	11.910	169	19.41	37	20.291	147	49.73	53	45.08	40	49.71	3	15.131	241	76.29	27
Mai 10	11.741	150	19.78	21	20.144	131	50.26	57	44.68	39	49.74	49	14.890	220	76.56	8
20	11.591	124	19.99	5	20.013	111	50.83	63	44.29	36	49.25	100	14.670	190	76.48	42
30	11.467	95	20.04	11	19.902	88	51.46	65	43.93	32	48.25	148	14.480	155	76.06	73
Juni 9	11.372	63	19.93	26	19.814	61	52.11	68	43.61	29	46.77	192	14.325	114	75.33	101
19	11.309	29	19.67	39	19.753	33	52.79	69	43.32	24	44.85	231	14.211	70	74.32	127
29	11.280	6	19.28	51	19.720	5	53.48	67	43.08	18	42.54	264	14.141	26	73.05	149
Juli 9	11.286	40	18.77	63	19.715	24	54.15	63	42.90	12	39.90	289	14.115	20	71.56	167
19	11.326	73	18.14	74	19.739	52	54.78	58	42.78	5	37.01	307	14.135	66	69.89	183
29	11.399	107	17.40	84	19.791	81	55.36	49	42.73	2	33.94	314	14.201	110	68.06	194
Aug. 8	11.506	138	16.56	94	19.872	109	55.85	36	42.75	8	30.80	311	14.311	154	66.12	202
18	11.644	169	15.62	103	19.981	137	56.21	21	42.83	16	27.69	299	14.465	196	64.10	207
28	11.813	199	14.59	112	20.118	164	56.42	3	42.99	22	24.70	274	14.661	237	62.03	208
Sept. 7	12.012	228	13.47	120	20.282	191	56.45	18	43.21	29	21.96	240	14.898	276	59.95	207
17	12.240	256	12.27	128	20.473	218	56.27	41	43.50	35	19.56	196	15.174	314	57.88	201
27	12.496	282	10.99	132	20.691	242	55.86	65	43.85	41	17.60	143	15.488	348	55.87	191
Okt. 7	12.778	306	9.67	136	20.933	266	55.21	90	44.26	45	16.17	85	15.836	380	53.96	177
17	13.084	325	8.31	136	21.199	285	54.31	113	44.71	48	15.32	21	16.216	407	52.19	160
27	13.409	341	6.95	132	21.484	301	53.18	133	45.19	51	15.11	45	16.623	428	50.59	136
Nov. 6	13.750	349	5.63	124	21.785	310	51.85	150	45.70	51	15.56	111	17.051	440	49.23	110
16	14.099	351	4.39	111	22.095	312	50.35	162	46.21	49	16.67	173	17.491	443	48.13	77
26	14.450	342	3.28	94	22.407	305	48.73	168	46.70	47	18.40	230	17.934	435	47.36	43
Dez. 6	14.792	324	2.34	74	22.712	290	47.05	168	47.17	42	20.70	280	18.369	413	46.93	5
16	15.116	294	1.60	48	23.002	265	45.37	161	47.59	36	23.50	320	18.782	379	46.88	33
26	15.410	257	1.12	23	23.267	230	43.76	151	47.95	29	26.70	350	19.161	332	47.21	71
36	15.667		0.89		23.497		42.25		48.24		30.20		19.493		47.92	
Mittl. Ort	11.470		24.48		19.717		62.76		44.07		20.81		14.756		74.86	
sec δ, tg δ	1.143		+0.554		1.006		+0.108		2.026		−1.762		1.502		+1.121	
a, *a′*	+3.6		−13.1		+3.2		−13.7		+1.4		−13.8		+4.2		−13.9	
b, *b′*	−0.02		− 0.76		0.00		− 0.73		+0.08		− 0.73		−0.05		− 0.72	

Tag	337) α Cancri AR.		337) α Cancri Dekl.		339) Br 1268 Lynx AR.		339) Br 1268 Lynx Dekl.	
1942	$8^h\ 55^m$		$+12^\circ\ 4'$		$8^h\ 56^m$		$+42^\circ\ 0'$	
	s		"		s		"	
Jan. 1	19.813	213	50.70	110	53.732	271	34.80	58
11	20.026	167	49.60	90	54.003	214	35.38	89
21	20.193	117	48.70	67	54.217	151	36.27	116
31	20.310	65	48.03	44	54.368	83	37.43	138
Febr. 9	20.375	13	47.59	22	54.451	17	38.81	152
19	20.388	33	47.37	3	54.468	46	40.33	159
März 1	20.355	76	47.34	13	54.422	102	41.92	158
11	20.279	110	47.47	27	54.320	149	43.50	150
21	20.169	136	47.74	36	54.171	184	45.00	135
31	20.033	152	48.10	44	53.987	208	46.35	115
Apr. 10	19.881	158	48.54	48	53.779	220	47.50	91
20	19.723	158	49.02	50	53.559	221	48.41	63
30	19.565	149	49.52	53	53.338	210	49.04	34
Mai 10	19.416	133	50.05	51	53.128	190	49.38	6
20	19.283	112	50.56	51	52.938	165	49.44	24
30	19.171	89	51.07	48	52.773	132	49.20	50
Juni 9	19.082	62	51.55	45	52.641	97	48.70	75
19	19.020	34	52.00	42	52.544	58	47.95	98
29	18.986	5	52.42	37	52.486	18	46.97	118
Juli 9	18.981	24	52.79	31	52.468	21	45.79	135
19	19.005	53	53.10	23	52.489	62	44.44	149
29	19.058	82	53.33	13	52.551	101	42.95	161
Aug. 8	19.140	110	53.46	1	52.652	140	41.34	171
18	19.250	138	53.47	13	52.792	177	39.63	178
28	19.388	166	53.34	30	52.969	213	37.85	182
Sept. 7	19.554	194	53.04	48	53.182	249	36.03	185
17	19.748	220	52.56	67	53.431	283	34.18	183
27	19.968	246	51.89	87	53.714	314	32.35	178
Okt. 7	20.214	270	51.02	106	54.028	344	30.57	171
17	20.484	289	49.96	123	54.372	369	28.86	158
27	20.773	306	48.73	137	54.741	388	27.28	141
Nov. 6	21.079	316	47.36	148	55.129	400	25.87	121
16	21.395	319	45.88	154	55.529	405	24.66	94
26	21.714	313	44.34	154	55.934	397	23.72	65
Dez. 6	22.027	298	42.80	147	56.331	378	23.07	32
16	22.325	273	41.33	137	56.709	348	22.75	3
26	22.598	240	39.96	121	57.057	306	22.78	37
36	22.838		38.75		57.363		23.15	
Mittl. Ort	18.994		60.45		52.910		49.58	
sec δ, tg δ	1.023		+0.214		1.346		+0.901	
a, *a′*	+3.3		−13.9		+3.9		−14.0	
b, *b′*	−0.01		− 0.72		−0.04		− 0.72	

Tag	341) κ Ursae maj. AR.		341) κ Ursae maj. Dekl.		343) α Volantis AR.		343) α Volantis Dekl.	
1942	$8^h\ 59^m$		$+47^\circ\ 22'$		$9^h\ 1^m$		$-66^\circ\ 9'$	
	s		"		s		"	
Jan. 1	41.332	296	59.09	84	35.89	29	46.37	363
11	41.628	234	59.93	118	36.18	18	50.00	378
21	41.862	165	61.11	147	36.36	8	53.78	382
31	42.027	93	62.58	167	36.44	2	57.60	377
Febr. 9	42.120	20	64.25	181	36.42	13	61.37	361
19	42.140	49	66.06	186	36.29	22	64.98	338
März 1	42.091	110	67.92	182	36.07	30	68.36	307
11	41.981	162	69.74	170	35.77	38	71.43	268
21	41.819	202	71.44	152	35.39	42	74.11	226
31	41.617	229	72.96	128	34.97	47	76.37	180
Apr. 10	41.388	244	74.24	97	34.50	50	78.17	129
20	41.144	245	75.21	66	34.00	50	79.46	77
30	40.899	235	75.87	32	33.50	51	80.23	23
Mai 10	40.664	216	76.19	1	32.99	49	80.46	30
20	40.448	187	76.18	35	32.50	47	80.16	82
30	40.261	153	75.83	66	32.03	42	79.34	133
Juni 9	40.108	114	75.17	95	31.61	38	78.01	179
19	39.994	72	74.22	121	31.23	33	76.22	221
29	39.922	29	73.01	142	30.90	26	74.01	257
Juli 9	39.893	16	71.59	162	30.64	18	71.44	286
19	39.909	60	69.97	178	30.46	11	68.58	307
29	39.969	104	68.19	190	30.35	2	65.51	317
Aug. 8	40.073	146	66.29	199	30.33	7	62.34	317
18	40.219	188	64.30	204	30.40	15	59.17	308
28	40.407	229	62.26	207	30.55	24	56.09	287
Sept. 7	40.636	268	60.19	206	30.79	33	53.22	255
17	40.904	305	58.13	202	31.12	41	50.67	213
27	41.209	340	56.11	193	31.53	47	48.54	162
Okt. 7	41.549	372	54.18	181	32.00	53	46.92	104
17	41.921	399	52.37	164	32.53	58	45.88	41
27	42.320	421	50.73	142	33.11	59	45.47	26
Nov. 6	42.741	435	49.31	115	33.70	61	45.73	93
16	43.176	438	48.16	85	34.31	59	46.66	157
26	43.614	431	47.31	50	34.90	55	48.23	216
Dez. 6	44.045	411	46.81	13	35.45	50	50.39	269
16	44.456	379	46.68	25	35.95	43	53.08	312
26	44.835	333	46.93	63	36.38	34	56.20	346
36	45.168		47.56		36.72		59.66	
Mittl. Ort	40.479		74.60		32.21		51.09	
sec δ, tg δ	1.477		+1.087		2.475		−2.263	
a, *a′*	+4.1		−14.2		+0.9		−14.3	
b, *b′*	−0.05		− 0.71		+0.11		− 0.70	

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Tag	344) σ² Ursae maj.				345) λ Velorum				347) ϑ Hydrae				348) β Carinae			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	9h 5m		+67° 21′		9h 5m		−43° 11′		9h 11m		+2° 33′		9h 12m		−69° 28′	
	s		″		s		″		s		″		s		″	
Jan. 1	20.20	48	60.90	175	53.393	219	49.31	339	21.670	218	28.64	168	38.64	35	34.74	356
11	20.68	37	62.65	213	53.612	161	52.70	346	21.888	174	26.96	150	38.99	22	38.30	375
21	21.05	26	64.78	241	53.773	98	56.16	343	22.062	127	25.46	130	39.21	11	42.05	384
31	21.31	13	67.19	261	53.871	36	59.59	330	22.189	75	24.16	107	39.32	1	45.89	381
Febr. 9	6 21.44	2	69.80	269	6 53.907	26	62.89	311	8 22.264	26	23.09	84	8 39.31	13	49.70	369
19	21.46	11	72.49	265	53.881	83	66.00	283	22.290	21	22.25	61	39.18	23	53.39	348
März 1	21.35	21	75.14	252	53.798	133	68.83	251	22.269	62	21.64	38	38.95	33	56.87	320
11	21.14	30	77.66	229	53.665	174	71.34	214	22.207	97	21.26	19	38.62	41	60.07	285
21	20.84	38	79.95	195	53.491	206	73.48	172	22.110	123	21.07	1	38.21	48	62.92	244
31	20.46	43	81.90	156	53.285	229	75.20	130	21.987	141	21.06	15	37.73	53	65.36	199
Apr. 10	20.03	46	83.46	111	53.056	242	76.50	84	21.846	150	21.21	29	37.20	56	67.35	150
20	19.57	47	84.57	63	52.814	246	77.34	38	21.696	151	21.50	41	36.64	59	68.85	97
30	19.10	47	85.20	14	52.568	242	77.72	7	21.545	146	21.91	51	36.05	59	69.82	45
Mai 10	18.63	43	85.34	35	52.326	231	77.65	53	21.399	133	22.42	59	35.46	58	70.27	10
20	18.20	39	84.99	82	52.095	212	77.12	97	21.266	116	23.01	67	34.88	55	70.17	63
30	17.81	34	84.17	125	51.883	189	76.15	139	21.150	96	23.68	73	34.33	52	69.54	115
Juni 9	17.47	27	82.92	165	51.694	160	74.76	176	21.054	72	24.41	77	33.81	47	68.39	163
19	17.20	20	81.27	199	51.534	129	73.00	209	20.982	47	25.18	80	33.34	41	66.76	208
29	17.00	12	79.28	229	51.405	93	70.91	236	20.935	21	25.98	80	32.93	33	64.68	246
Juli 9	16.88	3	76.99	252	51.312	55	68.55	257	20.914	6	26.78	78	32.60	26	62.22	278
19	16.85	4	74.47	270	51.257	15	65.98	271	20.920	33	27.56	73	32.34	16	59.44	301
29	16.89	12	71.77	282	51.242	28	63.27	275	20.953	61	28.29	64	32.18	7	56.43	316
Aug. 8	17.01	21	68.95	288	51.270	72	60.52	270	21.014	89	28.93	53	32.11	4	53.27	320
18	17.22	28	66.07	288	51.342	117	57.82	257	21.103	117	29.46	37	32.15	13	50.07	314
28	17.50	36	63.19	282	51.459	161	55.25	233	21.220	146	29.83	18	32.28	24	46.93	296
Sept. 7	17.86	43	60.37	273	51.620	205	52.92	200	21.366	174	30.01	5	32.52	35	43.97	267
17	18.29	50	57.64	255	51.825	247	50.92	159	21.540	202	29.96	30	32.87	43	41.30	228
27	18.79	56	55.09	234	52.072	286	49.33	110	21.742	229	29.66	57	33.30	52	39.02	180
Okt. 7	19.35	61	52.75	206	52.358	320	48.23	55	21.971	255	29.09	84	33.82	59	37.22	123
17	19.96	65	50.69	173	52.678	348	47.68	3	22.226	278	28.25	110	34.41	64	35.99	61
27	20.61	70	48.96	134	53.026	366	47.71	63	22.504	295	27.15	135	35.05	68	35.38	5
Nov. 6	21.31	71	47.62	92	53.392	377	48.34	123	22.799	308	25.80	156	35.73	68	35.43	72
16	22.02	71	46.70	46	53.769	374	49.57	178	23.107	313	24.24	172	36.41	68	36.15	138
26	22.73	70	46.24	4	54.143	361	51.35	228	23.420	310	22.52	182	37.09	63	37.53	199
Dez. 6	23.43	67	46.28	54	54.504	336	53.63	270	23.730	297	20.70	186	37.72	58	39.52	254
16	24.10	61	46.82	103	54.840	300	56.33	305	24.027	275	18.84	183	38.30	50	42.06	300
26	24.71	53	47.85	150	55.140	253	59.38	328	24.302	243	17.01	175	38.80	41	45.06	337
36	25.24		49.35		55.393		62.66		24.545		15.26		39.21		48.43	
Mittl. Ort	18.86		78.40		51.628		51.16		20.847		36.01		34.40		40.92	
sec δ, tg δ	2.599		+2.399		1.372		−0.939		1.001		+0.045		2.853		−2.671	
a, *a′*	+5.3		−14.5		+2.2		−14.5		+3.1		−14.9		+0.7		−14.9	
b, *b′*	−0.12		− 0.69		+0.05		− 0.69		0.00		− 0.67		+0.13		− 0.67	

Tag	350) 83 Cancri AR.		350) Dekl.		352) α Lyncis AR.		352) Dekl.		353) κ Velorum AR.		353) Dekl.		354) α Hydrae AR.		354) Dekl.	
1942	9h 15m		+17° 56′		9h 17m		+34° 37′		9h 20m		−54° 45′		9h 24m		−8° 24′	
	s		″		s		″		s		″		s		″	
Jan. 1	45.475	237	57.67	87	32.296	271	66.51	3	21.315	266	39.20	350	45.097	223	27.05	221
11	45.712	192	56.80	62	32.567	220	66.54	36	21.581	196	42.70	365	45.320	181	29.26	211
21	45.904	141	56.18	36	32.787	163	66.90	66	21.777	120	46.35	370	45.501	133	31.37	194
31	46.045	89	55.82	12	32.950	103	67.56	92	21.897	43	50.05	364	45.634	82	33.31	174
Febr. 9*)	$_{9}$46.134	37	55.70	11	$_{9}$33.053	43	68.48	111	$_{10}$21.940	30	53.69	349	$_{11}$45.716	33	35.05	151
19	46.171	14	55.81	30	33.096	15	69.59	125	21.910	100	57.18	327	45.749	13	36.56	126
März 1	46.157	59	56.11	46	33.081	68	70.84	133	21.810	163	60.45	296	45.736	55	37.82	100
11	46.098	96	56.57	56	33.013	112	72.17	132	21.647	215	63.41	261	45.681	91	38.82	74
21	46.002	126	57.13	63	32.901	147	73.49	126	21.432	257	66.02	220	45.590	118	39.56	49
31	45.876	145	57.76	66	32.754	172	74.75	115	21.175	290	68.22	176	45.472	137	40.05	24
Apr. 10	45.731	156	58.42	66	32.582	186	75.90	98	20.885	311	69.98	128	45.335	148	40.29	2
20	45.575	159	59.08	62	32.396	189	76.88	78	20.574	322	71.26	79	45.187	152	40.31	20
30	45.416	152	59.70	57	32.207	184	77.66	57	20.252	323	72.05	28	45.035	149	40.11	41
Mai 10	45.264	140	60.27	50	32.023	170	78.23	33	19.929	315	72.33	22	44.886	139	39.70	60
20	45.124	123	60.77	43	31.853	150	78.56	10	19.614	299	72.11	72	44.747	124	39.10	77
30	45.001	101	61.20	34	31.703	125	78.66	13	19.315	276	71.39	119	44.623	107	38.33	93
Juni 9	44.900	76	61.54	26	31.578	96	78.53	35	19.039	245	70.20	164	44.516	86	37.40	105
19	44.824	49	61.80	16	31.482	65	78.18	56	18.794	209	68.56	204	44.430	63	36.35	117
29	44.775	22	61.96	7	31.417	32	77.62	76	18.585	167	66.52	238	44.367	39	35.18	125
Juli 9	44.753	7	62.03	3	31.385	3	76.86	92	18.418	120	64.14	267	44.328	12	33.93	129
19	44.760	35	62.00	15	31.388	36	75.94	109	18.298	70	61.47	286	44.316	14	32.64	127
29	44.795	65	61.85	26	31.424	71	74.85	123	18.228	15	58.61	298	44.330	42	31.37	122
Aug. 8	44.860	94	61.59	39	31.495	104	73.62	136	18.213	43	55.63	299	44.372	70	30.15	113
18	44.954	122	61.20	53	31.599	139	72.26	148	18.256	102	52.64	290	44.442	99	29.02	98
28	45.076	152	60.67	68	31.738	172	70.78	157	18.358	161	49.74	271	44.541	129	28.04	77
Sept. 7	45.228	181	59.99	85	31.910	206	69.21	166	18.519	221	47.03	242	44.670	160	27.27	51
17	45.409	211	59.14	100	32.116	239	67.55	171	18.740	278	44.61	202	44.830	189	26.76	22
27	45.620	238	58.14	116	32.355	270	65.84	174	19.018	330	42.59	154	45.019	219	26.54	11
Okt. 7	45.858	265	56.98	131	32.625	301	64.10	174	19.348	376	41.05	99	45.238	248	26.65	47
17	46.123	289	55.67	143	32.926	327	62.36	171	19.724	413	40.06	38	45.486	273	27.12	83
27	46.412	310	54.24	152	33.253	349	60.65	162	20.137	439	39.68	25	45.759	291	27.95	118
Nov. 6	46.722	323	52.72	156	33.602	366	59.03	148	20.576	453	39.93	89	46.050	306	29.13	150
16	47.045	329	51.16	155	33.968	373	57.55	130	21.029	452	40.82	152	46.356	313	30.63	178
26	47.374	328	49.61	149	34.341	371	56.25	107	21.481	436	42.34	209	46.669	311	32.41	199
Dez. 6	47.702	316	48.12	138	34.712	359	55.18	80	21.917	406	44.43	259	46.980	300	34.40	215
16	48.018	294	46.74	122	35.071	335	54.38	49	22.323	361	47.02	302	47.280	278	36.55	223
26	48.312	263	45.52	100	35.406	300	53.89	16	22.684	305	50.04	335	47.558	247	38.78	223
36	48.575		44.52		35.706		53.73		22.989		53.39		47.805		41.01	
Mittl. Ort	44.767		68.27		31.626		80.32		18.969		44.22		44.209		22.74	
sec δ, tg δ	1.051		+0.324		1.215		+0.691		1.733		−1.416		1.011		−0.148	
a, *a′*	+3.4		−15.1		+3.7		−15.2		+1.9		−15.4		+2.9		−15.6	
b, *b′*	−0.02		− 0.66		−0.03		− 0.65		+0.07		− 0.64		+0.01		− 0.63	

*) Bei Stern 353) und 354) lies Febr. 10.

Scheinbare Sternörter 1942

Tag	355) 23 Ursae maj. AR.		Dekl.		359) ψ Velorum *m* AR.		Dekl.		358) ϑ Ursae maj. AR.		Dekl.		357) 24 Ursae maj. AR.		Dekl.	
1942	$9^h\,26^m$		+63° 18′		$9^h\,28^m$		−40° 12′		$9^h\,28^m$		+51° 56′		$9^h\,29^m$		+70° 4′	
Jan. 1	$59^s.59$	45	43″.16	138	$26^s.342$	242	39″.98	326	$60^s.053$	350	17″.74	82	$24^s.47$	58	54″.59	164
11	60.04	37	44.54	180	26.584	188	43.24	334	60.403	288	18.56	123	25.05	46	56.23	206
21	60.41	27	46.34	213	26.772	129	46.58	334	60.691	217	19.79	156	25.51	35	58.29	241
31	60.68	17	48.47	239	26.901	69	49.92	325	60.908	140	21.35	183	25.86	21	60.70	265
Febr. 10	60.85	7	50.86	254	26.970	10	53.17	308	61.048	61	23.18	202	26.07	8	63.35	279
19	60.92	4	53.40	259	26.980	46	56.25	283	61.109	15	25.20	212	26.15	6	66.14	282
März 1	60.88	13	55.99	252	26.934	95	59.08	253	61.094	86	27.32	211	26.09	18	68.96	272
11	60.75	21	58.51	236	26.839	138	61.61	219	61.008	148	29.43	202	25.91	29	71.68	252
21	60.54	29	60.87	209	26.701	172	63.80	181	60.860	198	31.45	185	25.62	39	74.20	222
31	60.25	34	62.96	175	26.529	198	65.61	141	60.662	234	33.30	159	25.23	46	76.42	184
Apr. 10	59.91	37	64.71	136	26.331	213	67.02	98	60.428	258	34.89	129	24.77	50	78.26	140
20	59.54	38	66.07	92	26.118	221	68.00	54	60.170	269	36.18	94	24.27	53	79.66	91
30	59.16	39	66.99	45	25.897	221	68.54	11	59.901	267	37.12	56	23.74	53	80.57	41
Mai 10	58.77	37	67.44	1	25.676	214	68.65	33	59.634	254	37.68	17	23.21	52	80.98	10
20	58.40	34	67.43	48	25.462	201	68.32	76	59.380	231	37.85	21	22.69	48	80.88	61
30	58.06	30	66.95	92	25.261	183	67.56	116	59.149	201	37.64	58	22.21	43	80.27	108
Juni 9	57.76	25	66.03	132	25.078	160	66.40	153	58.948	164	37.06	93	21.78	36	79.19	152
19	57.51	19	64.71	170	24.918	133	64.87	186	58.784	124	36.13	125	21.42	28	77.67	192
29	57.32	13	63.01	201	24.785	102	63.01	215	58.660	80	34.88	154	21.14	21	75.75	225
Juli 9	57.19	7	61.00	228	24.683	69	60.86	236	58.580	35	33.34	179	20.93	12	73.50	254
19	57.12	0	58.72	251	24.614	34	58.50	252	58.545	13	31.55	200	20.81	2	70.96	276
29	57.12	7	56.21	267	24.580	6	55.98	259	58.558	59	29.55	218	20.79	6	68.20	293
Aug. 8	57.19	14	53.54	278	24.586	46	53.39	258	58.617	106	27.37	230	20.85	15	65.27	304
18	57.33	20	50.76	284	24.632	87	50.81	247	58.723	154	25.07	240	21.00	24	62.23	307
28	57.53	27	47.92	284	24.719	131	48.34	227	58.877	199	22.67	244	21.24	33	59.16	306
Sept. 7	57.80	33	45.08	280	24.850	175	46.07	198	59.076	246	20.23	246	21.57	42	56.10	299
17	58.13	39	42.28	268	25.025	217	44.09	161	59.322	290	17.77	242	21.99	50	53.11	284
27	58.52	45	39.60	252	25.242	257	42.48	115	59.612	333	15.35	233	22.49	57	50.27	264
Okt. 7	58.97	50	37.08	230	25.499	294	41.33	64	59.945	373	13.02	220	23.06	64	47.63	237
17	59.47	55	34.78	203	25.793	325	40.69	9	60.318	409	10.82	201	23.70	70	45.26	205
27	60.02	58	32.75	168	26.118	349	40.60	49	60.727	439	8.81	177	24.40	75	43.21	167
Nov. 6	60.60	61	31.07	129	26.467	364	41.09	107	61.166	460	7.04	148	25.15	78	41.54	123
16	61.21	63	29.78	86	26.831	369	42.16	161	61.626	472	5.56	113	25.93	79	40.31	74
26	61.84	62	28.92	38	27.200	361	43.77	211	62.098	472	4.43	73	26.72	79	39.57	23
Dez. 6	62.46	60	28.54	12	27.561	343	45.88	255	62.570	458	3.70	32	27.51	76	39.34	30
16	63.06	56	28.66	61	27.904	313	48.43	288	63.028	430	3.38	13	28.27	71	39.64	84
26	63.62	50	29.27	110	28.217	271	51.31	314	63.458	387	3.51	57	28.98	64	40.48	134
36	64.12		30.37		28.488		54.45		63.845		4.08		29.62		41.82	
Mittl. Ort	58.68		60.95		24.778		43.09		59.374		34.33		23.33		72.92	
sec δ, tg δ	2.227		+1.990		1.309		−0.845		1.622		+1.277		2.936		+2.761	
a, *a′*	+4.7		−15.7		+2.4		−15.8		+4.1		−15.8		+5.3		−15.9	
b, *b′*	−0.10		−0.62		+0.04		−0.61		−0.07		−0.61		−0.15		−0.61	

Tag	360) 10 Leonis min. AR.		360) Dekl.		366) ϑ Antliae AR.		366) Dekl.		367) ε Leonis AR.		367) Dekl.		369) υ Carinae AR.		369) Dekl.	
1942	9h 30m		+36° 38′		9h 41m		−27° 30′		9h 42m		+24° 2′		9h 45m		−64° 47′	
Jan. 1	41.157	288	67.87	5	37.989	241	10.19	291	34.299	268	20.55	69	42.37	38	59.72	339
11	41.445	239	67.92	40	38.230	196	13.10	293	34.567	225	19.86	38	42.75	28	63.11	363
21	41.684	182	68.32	72	38.426	146	16.03	288	34.792	175	19.48	8	43.03	19	66.74	378
31	41.866	121	69.04	100	38.572	92	18.91	276	34.967	122	19.40	20	43.22	9	70.52	382
Febr. 10	41.987	60	70.04	122	38.664	39	21.67	256	35.089	67	19.60	45	43.31	1	74.34	375
	13				16				16				17			
19	42.047	0	71.26	137	38.703	11	24.23	233	35.156	14	20.05	66	43.30	10	78.09	360
März 1	42.047	55	72.63	146	38.692	56	26.56	204	35.170	34	20.71	82	43.20	18	81.69	337
11	41.992	102	74.09	146	38.636	95	28.60	172	35.136	76	21.53	92	43.02	26	85.06	306
21	41.890	140	75.55	140	38.541	127	30.32	140	35.060	110	22.45	96	42.76	32	88.12	269
31	41.750	167	76.95	128	38.414	150	31.72	104	34.950	135	23.41	96	42.44	37	90.81	228
Apr. 10	41.583	184	78.23	111	38.264	165	32.76	69	34.815	151	24.37	91	42.07	41	93.09	182
20	41.399	192	79.34	89	38.099	173	33.45	34	34.664	158	25.28	83	41.66	43	94.91	132
30	41.207	188	80.23	66	37.926	174	33.79	3	34.506	157	26.11	71	41.23	45	96.23	81
Mai 10	41.019	177	80.89	40	37.752	168	33.76	37	34.349	149	26.82	57	40.78	45	97.04	29
20	40.842	160	81.29	15	37.584	157	33.39	71	34.200	135	27.39	43	40.33	44	97.33	25
30	40.682	136	81.44	12	37.427	143	32.68	102	34.065	117	27.82	28	39.89	42	97.08	77
Juni 9	40.546	108	81.32	36	37.284	124	31.66	131	33.948	96	28.10	12	39.47	39	96.31	127
19	40.438	79	80.96	59	37.160	101	30.35	157	33.852	71	28.22	4	39.08	36	95.04	173
29	40.359	46	80.37	82	37.059	78	28.78	178	33.781	45	28.18	19	38.72	30	93.31	215
Juli 9	40.313	13	79.55	101	36.981	50	27.00	195	33.736	17	27.99	34	38.42	24	91.16	251
19	40.300	22	78.54	119	36.931	22	25.05	204	33.719	10	27.65	50	38.18	18	88.65	279
29	40.322	56	77.35	136	36.909	9	23.01	209	33.729	40	27.15	65	38.00	10	85.86	300
Aug. 8	40.378	91	75.99	151	36.918	42	20.92	205	33.769	69	26.50	80	37.90	3	82.86	309
18	40.469	126	74.48	163	36.960	76	18.87	194	33.838	99	25.70	95	37.87	6	79.77	310
28	40.595	161	72.85	173	37.036	112	16.93	174	33.937	131	24.75	110	37.93	14	76.67	299
Sept. 7	40.756	196	71.12	182	37.148	148	15.19	148	34.068	162	23.65	126	38.07	22	73.68	276
17	40.952	230	69.30	188	37.296	185	13.71	113	34.230	194	22.39	139	38.29	31	70.92	243
27	41.182	265	67.42	190	37.481	221	12.58	73	34.424	227	21.00	152	38.60	39	68.49	201
Okt. 7	41.447	298	65.52	190	37.702	255	11.85	28	34.651	257	19.48	163	38.99	46	66.48	149
17	41.745	327	63.62	185	37.957	285	11.57	20	34.908	285	17.85	170	39.45	52	64.99	90
27	42.072	352	61.77	175	38.242	309	11.77	70	35.193	311	16.15	173	39.97	55	64.09	26
Nov. 6	42.424	371	60.02	160	38.551	326	12.47	119	35.504	330	14.42	172	40.52	58	63.83	40
16	42.795	382	58.42	139	38.877	335	13.66	165	35.834	342	12.70	165	41.10	59	64.23	105
26	43.177	382	57.03	115	39.212	334	15.31	205	36.176	345	11.05	154	41.69	58	65.28	168
Dez. 6	43.559	372	55.88	85	39.546	322	17.36	240	36.521	338	9.51	135	42.27	54	66.96	225
16	43.931	351	55.03	51	39.868	300	19.76	266	36.859	321	8.16	112	42.81	49	69.21	276
26	44.282	317	54.52	17	40.168	266	22.42	283	37.180	293	7.04	86	43.30	42	71.97	318
36	44.599		54.35		40.434		25.25		37.473		6.18		43.72		75.15	
Mittl. Ort	40.562		82.07		36.842		11.45		33.747		32.11		39.18		68.54	
sec δ, tg δ	1.247		+0.744		1.127		−0.521		1.095		+0.446		2.349		−2.125	
a, *a′*	+3.7		−15.9		+2.7		−16.5		+3.4		−16.5		+1.5		−16.7	
b, *b′*	−0.04		−0.61		+0.03		−0.57		−0.02		−0.56		+0.12		−0.55	

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Tag	368) υ Ursae maj.				370) 6 Sextantis				372) Grb 1586 UMaj				378) π Leonis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$9^h\ 46^m$		$+59°\ 18'$		$9^h\ 48^m$		$-3°\ 58'$		$9^h\ 53^m$		$+73°\ 8'$		$9^h\ 57^m$		$+8°\ 19'$	
	s		"		s		"		s		"		s		"	
Jan. 1	53.541	433	27.99	101	19.374	243	18.99	205	15.45	71	64.94	150	9.548	257	16.50	152
11	53.974	363	29.00	145	19.617	204	21.04	192	16.16	60	66.44	197	9.805	219	14.98	131
21	54.337	281	30.45	183	19.821	158	22.96	174	16.76	46	68.41	236	10.024	173	13.67	107
31	54.618	193	32.28	214	19.979	109	24.70	153	17.22	31	70.77	267	10.197	124	12.60	81
Febr. 10	54.811	100	34.42	235	20.088	60	26.23	130	17.53	17	73.44	287	10.321	75	11.79	55
19	[17] 54.911	9	36.77	246	[17] 20.148	12	27.53	104	[19] 17.70	0	76.31	293	[19] 10.396	26	11.24	31
März 1	54.920	78	39.23	247	20.160	30	28.57	80	17.70	15	79.24	289	10.422	18	10.93	8
11	54.842	155	41.70	236	20.130	68	29.37	56	17.55	29	82.13	273	10.404	58	10.85	11
21	54.687	220	44.06	217	20.062	97	29.93	32	17.26	40	84.86	246	10.346	89	10.96	27
31	54.467	270	46.23	189	19.965	119	30.25	12	16.86	50	87.32	210	10.257	113	11.23	40
Apr. 10	54.197	306	48.12	154	19.846	134	30.37	8	16.36	57	89.42	167	10.144	129	11.63	49
20	53.891	325	49.66	115	19.712	140	30.29	26	15.79	61	91.09	119	10.015	137	12.12	56
30	53.566	331	50.81	71	19.572	141	30.03	41	15.18	63	92.28	67	9.878	138	12.68	60
Mai 10	53.235	322	51.52	27	19.431	135	29.62	56	14.55	63	92.95	14	9.740	134	13.28	63
20	52.913	302	51.79	17	19.296	124	29.06	69	13.92	59	93.09	39	9.606	124	13.91	63
30	52.611	271	51.62	61	19.172	110	28.37	79	13.33	55	92.70	90	9.482	109	14.54	61
Juni 9	52.340	232	51.01	102	19.062	93	27.58	89	12.78	49	91.80	138	9.373	93	15.15	60
19	52.108	188	49.99	140	18.969	72	26.69	96	12.29	41	90.42	182	9.280	73	15.75	56
29	51.920	138	48.59	174	18.897	51	25.73	100	11.88	32	88.60	220	9.207	52	16.31	50
Juli 9	51.782	84	46.85	204	18.846	27	24.73	101	11.56	23	86.40	254	9.155	28	16.81	44
19	51.698	29	44.81	229	18.819	3	23.72	100	11.33	13	83.86	280	9.127	5	17.25	35
29	51.669	27	42.52	250	18.816	23	22.72	93	11.20	2	81.06	302	9.122	21	17.60	24
Aug. 8	51.696	85	40.02	266	18.839	50	21.79	84	11.18	9	78.04	317	9.143	47	17.84	11
18	51.781	143	37.36	276	18.889	78	20.95	69	11.27	19	74.87	325	9.190	75	17.95	5
28	51.924	200	34.60	281	18.967	108	20.26	49	11.46	30	71.62	327	9.265	104	17.90	23
Sept. 7	52.124	257	31.79	281	19.075	139	19.77	27	11.76	40	68.35	322	9.369	135	17.67	44
17	52.381	314	28.98	277	19.214	170	19.50	1	12.16	50	65.13	311	9.504	167	17.23	66
27	52.695	368	26.21	265	19.384	201	19.51	30	12.66	60	62.02	292	9.671	198	16.57	88
Okt. 7	53.063	418	23.56	249	19.585	232	19.81	62	13.26	68	59.10	268	9.869	229	15.69	112
17	53.481	465	21.07	226	19.817	260	20.43	94	13.94	76	56.42	236	10.098	258	14.57	134
27	53.946	504	18.81	196	20.077	284	21.37	125	14.70	83	54.06	198	10.356	284	13.23	153
Nov. 6	54.450	535	16.85	162	20.361	303	22.62	153	15.53	88	52.08	154	10.640	305	11.70	169
16	54.985	553	15.23	122	20.664	314	24.15	177	16.41	91	50.54	104	10.945	318	10.01	180
26	55.538	557	14.01	77	20.978	316	25.92	195	17.32	91	49.50	51	11.263	323	8.21	184
Dez. 6	56.095	546	13.24	28	21.294	309	27.87	206	18.23	90	48.99	5	11.586	318	6.37	184
16	56.641	518	12.96	22	21.603	293	29.93	212	19.13	85	49.04	62	11.904	304	4.53	176
26	57.159	473	13.18	71	21.896	265	32.05	209	19.98	78	49.66	118	12.208	279	2.77	162
36	57.632		13.89		22.161		34.14		20.76		50.84		12.487		1.15	
Mittl. Ort	52.942		45.74		18.634		14.60		14.55		83.94		8.968		23.85	
sec δ, tg δ	1.960		+1.685		1.002		−0.069		3.451		+3.303		1.011		+0.146	
a, *a′*	+4.3		−16.8		+3.0		−16.8		+5.4		−17.1		+3.2		−17.2	
b, *b′*	−0.09		− 0.55		0.00		− 0.54		−0.19		− 0.53		−0.01		− 0.51	

Tag	379) η Leonis AR.		379) η Leonis Dekl.		380) α Leonis AR.		380) α Leonis Dekl.		381) λ Hydrae AR.		381) λ Hydrae Dekl.		382) 191 G. Velorum AR.		382) 191 G. Velorum Dekl.	
1942	10h 4m		+17° 2′		10h 5m		+12° 14′		10h 7m		−12° 4′		10h 12m		−41° 49′	
Jan. 1	10.836	272	37.07	114	17.601	266	57.03	137	46.311	257	1.41	238	19.246	293	55.51	310
11	11.108	233	35.93	87	17.867	228	55.66	112	46.568	217	3.79	231	19.539	244	58.61	326
21	11.341	188	35.06	58	18.095	184	54.54	86	46.785	173	6.10	219	19.783	189	61.87	333
31	11.529	138	34.48	29	18.279	135	53.68	59	46.958	125	8.29	202	19.972	130	65.20	332
Febr. 10	11.667	86	34.19	2	18.414	84	53.09	33	47.083	76	10.31	180	20.102	70	68.52	321
20	21 11.753	36	34.17	23	22 18.498	35	52.76	7	22 47.159	29	12.11	156	23 20.172	13	71.73	304
März 1	11.789	11	34.40	43	18.533	10	52.69	15	47.188	15	13.67	129	20.185	40	74.77	280
11	11.778	52	34.83	59	18.523	50	52.84	33	47.173	54	14.96	103	20.145	87	77.57	25c
21	11.726	86	35.42	70	18.473	84	53.17	47	47.119	85	15.99	77	20.058	128	80.07	218
31	11.640	112	36.12	77	18.389	109	53.64	58	47.034	110	16.76	51	19.930	159	82.25	180
Apr. 10	11.528	131	36.89	80	18.280	126	54.22	64	46.924	127	17.27	26	19.771	183	84.05	141
20	11.397	140	37.69	78	18.154	136	54.86	67	46.797	137	17.53	2	19.588	199	85.46	99
30	11.257	143	38.47	74	18.018	139	55.53	67	46.660	140	17.55	21	19.389	208	86.45	57
Mai 10	11.114	138	39.21	67	17.879	135	56.20	66	46.520	138	17.34	43	19.181	210	87.02	13
20	10.976	130	39.88	59	17.744	127	56.86	63	46.382	131	16.91	62	18.971	207	87.15	30
30	10.846	116	40.47	50	17.617	113	57.49	57	46.251	121	16.29	81	18.764	197	86.85	71
Juni 9	10.730	98	40.97	38	17.504	97	58.06	50	46.130	106	15.48	97	18.567	183	86.14	112
19	10.632	79	41.35	27	17.407	78	58.56	44	46.024	89	14.51	110	18.384	164	85.02	148
29	10.553	58	41.62	15	17.329	58	59.00	35	45.935	70	13.41	122	18.220	141	83.54	181
Juli 9	10.495	34	41.77	3	17.271	35	59.35	25	45.865	49	12.19	128	18.079	113	81.73	209
19	10.461	9	41.80	12	17.236	11	59.60	14	45.816	25	10.91	132	17.966	83	79.64	230
29	10.452	16	41.68	26	17.225	14	59.74	1	45.791	1	9.59	130	17.883	47	77.34	245
Aug. 8	10.468	44	41.42	42	17.239	40	59.75	14	45.790	27	8.29	123	17.836	9	74.89	251
18	10.512	72	41.00	58	17.279	69	59.61	30	45.817	55	7.06	111	17.827	33	72.38	249
28	10.584	102	40.42	76	17.348	98	59.31	48	45.872	87	5.95	94	17.860	78	69.89	237
Sept. 7	10.686	134	39.66	94	17.446	128	58.83	67	45.959	119	5.01	70	17.938	125	67.52	216
17	10.820	166	38.72	113	17.574	161	58.16	88	46.078	153	4.31	42	18.063	173	65.36	185
27	10.986	199	37.59	131	17.735	193	57.28	109	46.231	187	3.89	9	18.236	220	63.51	146
Okt. 7	11.185	231	36.28	148	17.928	226	56.19	130	46.418	221	3.80	27	18.456	265	62.05	100
17	11.416	262	34.80	162	18.154	256	54.89	148	46.639	252	4.07	64	18.721	305	61.05	49
27	11.678	289	33.18	174	18.410	283	53.41	164	46.891	279	4.71	101	19.026	339	60.56	7
Nov. 6	11.967	312	31.44	180	18.693	305	51.77	175	47.170	301	5.72	137	19.365	365	60.63	64
16	12.279	327	29.64	182	18.998	321	50.02	183	47.471	316	7.09	169	19.730	380	61.27	121
26	12.606	334	27.82	178	19.319	327	48.19	184	47.787	321	8.78	196	20.110	383	62.48	174
Dez. 6	12.940	331	26.04	167	19.646	324	46.35	178	48.108	316	10.74	218	20.493	375	64.22	221
16	13.271	317	24.37	151	19.970	311	44.57	167	48.424	302	12.92	230	20.868	352	66.43	261
26	13.588	294	22.86	129	20.281	288	42.90	149	48.726	277	15.22	237	21.220	319	69.04	294
36	13.882		21.57		20.569		41.41		49.003		17.59		21.539		71.98	
Mittl. Ort	10.357		46.54		17.093		65.21		45.554		0.15		17.836		62.36	
sec δ, tg δ	1.046		+0.307		1.023		+0.217		1.023		−0.214		1.342		−0.895	
a, *a′*	+3.3		−17.5		+3.2		−17.6		+2.9		−17.7		+2.5		−17.9	
b, *b′*	−0.02		− 0.48		−0.01		− 0.48		+0.01		− 0.47		+0.05		− 0.45	

Scheinbare Sternörter 1942

Tag	384) ζ Leonis AR.		384) ζ Leonis Dekl.		383) λ Ursae maj. AR.		383) λ Ursae maj. Dekl.		386) μ Ursae maj. AR.		386) μ Ursae maj. Dekl.		387) 30 H. Ursae maj. AR.		387) 30 H. Ursae maj. Dekl.	
1942	$10^h\ 13^m$		$+23°\ 41'$		$10^h\ 13^m$		$+43°\ 11'$		$10^h\ 18^m$		$+41°\ 47'$		$10^h\ 19^m$		$+65°\ 51'$	
Jan. 1	$28.^s440$	290	$74.''43$	88	$36.^s701$	349	$61.''86$	2	$53.^s138$	345	$15.''97$	9	$58.^s65$	57	$19.''32$	92
11	28.730	250	73.55	56	37.050	302	61.88	45	53.483	302	15.88	34	59.22	49	20.24	143
21	28.980	205	72.99	23	37.352	246	62.33	86	53.785	248	16.22	75	59.71	40	21.67	189
31	29.185	154	72.76	9	37.598	184	63.19	122	54.033	187	16.97	112	60.11	30	23.56	226
Febr. 10	29.339	100	72.85	37	37.782	119	64.41	151	54.220	124	18.09	142	60.41	19	25.82	254
20	29.439	47	73.22	62	37.901	53	65.92	172	54.344	60	19.51	165	60.60	8	28.36	272
März 1	[24] 29.486	1	73.84	82	[24] 37.954	9	67.64	186	[25] 54.404	1	21.16	180	[25] 60.68	3	31.08	277
11	29.485	46	74.66	96	37.945	65	69.50	190	54.403	56	22.96	186	60.65	13	33.85	270
21	29.439	83	75.62	104	37.880	113	71.40	186	54.347	104	24.82	183	60.52	23	36.55	254
31	29.356	111	76.66	107	37.767	152	73.26	174	54.243	141	26.65	174	60.29	29	39.09	228
Apr. 10	29.245	132	77.73	104	37.615	179	75.00	156	54.102	170	28.39	156	60.00	35	41.37	193
20	29.113	144	78.77	97	37.436	197	76.56	131	53.932	188	29.95	134	59.65	40	43.30	152
30	28.969	149	79.74	86	37.239	204	77.87	102	53.744	196	31.29	106	59.25	41	44.82	106
Mai 10	28.820	146	80.60	74	37.035	202	78.89	70	53.548	195	32.35	76	58.84	42	45.88	58
20	28.674	139	81.34	58	36.833	193	79.59	38	53.353	187	33.11	44	58.42	41	46.46	8
30	28.535	125	81.92	41	36.640	177	79.97	4	53.166	173	33.55	12	58.01	38	46.54	41
Juni 9	28.410	109	82.33	25	36.463	155	80.01	29	52.993	152	33.67	21	57.63	35	46.13	88
19	28.301	89	82.58	7	36.308	129	79.72	62	52.841	129	33.46	53	57.28	31	45.25	134
29	28.212	68	82.65	11	36.179	101	79.10	92	52.712	101	32.93	83	56.97	25	43.91	174
Juli 9	28.144	44	82.54	29	36.078	69	78.18	120	52.611	71	32.10	111	56.72	19	42.17	211
19	28.100	19	82.25	46	36.009	35	76.98	146	52.540	40	30.99	138	56.53	13	40.06	243
29	28.081	8	81.79	64	35.974	0	75.52	169	52.500	5	29.61	161	56.40	5	37.63	270
Aug. 8	28.089	36	81.15	82	35.974	37	73.83	190	52.495	30	28.00	182	56.35	1	34.93	291
18	28.125	65	80.33	99	36.011	75	71.93	207	52.525	67	26.18	200	56.36	8	32.02	306
28	28.190	97	79.34	116	36.086	115	69.86	221	52.592	106	24.18	215	56.44	15	28.96	316
Sept. 7	28.287	129	78.18	134	36.201	155	67.65	232	52.698	145	22.03	228	56.59	23	25.80	319
17	28.416	163	76.84	150	36.356	196	65.33	240	52.843	187	19.75	236	56.82	31	22.61	316
27	28.579	198	75.34	164	36.552	239	62.93	242	53.030	228	17.39	240	57.13	38	19.45	306
Okt. 7	28.777	233	73.70	177	36.791	280	60.51	240	53.258	268	14.99	241	57.51	45	16.39	290
17	29.010	265	71.93	187	37.071	318	58.11	234	53.526	308	12.58	234	57.96	51	13.49	267
27	29.275	295	70.06	191	37.389	354	55.77	220	53.834	344	10.24	224	58.47	57	10.82	237
Nov. 6	29.570	319	68.15	192	37.743	383	53.57	201	54.178	373	8.00	206	59.04	62	8.45	199
16	29.889	337	66.23	186	38.126	404	51.56	176	54.551	395	5.94	183	59.66	65	6.46	156
26	30.226	346	64.37	175	38.530	415	49.80	145	54.946	408	4.11	152	60.31	67	4.90	107
Dez. 6	30.572	346	62.62	158	38.945	414	48.35	108	55.354	408	2.59	118	60.98	67	3.83	53
16	30.918	333	61.04	134	39.359	401	47.27	68	55.762	395	1.41	78	61.65	65	3.30	2
26	31.251	311	59.70	107	39.760	374	46.59	25	56.157	371	0.63	35	62.30	60	3.32	58
36	31.562		58.63		40.134		46.34		56.528		0.28		62.90		3.90	
Mittl. Ort	28.054		85.42		36.400		77.25		52.871		31.05		58.38		38.07	
sec δ, tg δ	1.092		+0.439		1.372		+0.939		1.341		+0.894		2.445		+2.232	
a, *a′*	+3.3		−17.9		+3.6		−17.9		+3.6		−18.1		+4.3		−18.2	
b, *b′*	−0.03		− 0.45		−0.06		− 0.45		−0.05		− 0.43		−0.13		− 0.42	

Tag	391) *J* Carinae				389) μ Hydrae				392) α Antliae				390) β Leonis min.			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$10^h\ 23^m$		$-73°43'$		$10^h\ 23^m$		$-16°32'$		$10^h\ 24^m$		$-30°46'$		$10^h\ 24^m$		$+36°59'$	
	s		"		s		"		s		"		s		"	
Jan. 1	19.60	61	56.77	304	17.753	269	21.73	250	30.702	283	13.45	285	32.369	332	64.25	35
11	20.21	50	59.81	338	18.022	231	24.23	249	30.985	241	16.30	295	32.701	290	63.90	6
21	20.71	38	63.19	365	18.253	188	26.72	241	31.226	194	19.25	297	32.991	240	63.96	45
31	21.09	23	66.84	381	18.441	140	29.13	226	31.420	142	22.22	290	33.231	184	64.41	82
Febr. 10	21.32	10	70.65	386	18.581	91	31.39	206	31.562	89	25.12	278	33.415	125	65.23	114
20	26 21.42	4	74.51	382	26 18.672	43	33.45	184	26 31.651	38	27.90	258	26 33.540	65	66.37	138
März 1	21.38	17	78.33	369	18.715	1	35.29	158	31.689	10	30.48	233	33.605	8	67.75	155
11	21.21	28	82.02	349	18.714	41	36.87	131	31.679	52	32.81	206	33.613	44	69.30	165
21	20.93	39	85.51	320	18.673	74	38.18	104	31.627	89	34.87	175	33.569	89	70.95	167
31	20.54	48	88.71	285	18.599	100	39.22	76	31.538	119	36.62	142	33.480	124	72.62	161
Apr. 10	20.06	56	91.56	245	18.499	120	39.98	49	31.419	140	38.04	107	33.356	151	74.23	148
20	19.50	62	94.01	199	18.379	133	40.47	21	31.279	154	39.11	72	33.205	168	75.71	130
30	18.88	66	96.00	150	18.246	138	40.68	4	31.125	163	39.83	36	33.037	176	77.01	107
Mai 10	18.22	69	97.50	99	18.108	139	40.64	29	30.962	166	40.19	0	32.861	177	78.08	81
20	17.53	70	98.49	45	17.969	135	40.35	53	30.796	164	40.19	35	32.684	170	78.89	54
30	16.83	69	98.94	11	17.834	127	39.82	75	30.632	156	39.84	69	32.514	157	79.43	25
Juni 9	16.14	67	98.83	64	17.707	116	39.07	95	30.476	144	39.15	101	32.357	140	79.68	5
19	15.47	64	98.19	116	17.591	101	38.12	113	30.332	130	38.14	131	32.217	119	79.63	33
29	14.83	57	97.03	166	17.490	84	36.99	127	30.202	112	36.83	156	32.098	95	79.30	61
Juli 9	14.26	51	95.37	210	17.406	64	35.72	138	30.090	90	35.27	178	32.003	68	78.69	88
19	13.75	42	93.27	248	17.342	42	34.34	144	30.000	65	33.49	193	31.935	39	77.81	112
29	13.33	31	90.79	279	17.300	18	32.90	147	29.935	37	31.56	204	31.896	9	76.69	136
Aug. 8	13.02	20	88.00	300	17.282	9	31.43	142	29.898	6	29.52	207	31.887	23	75.33	156
18	12.82	7	85.00	312	17.291	38	30.01	133	29.892	28	27.45	202	31.910	58	73.77	176
28	12.75	6	81.88	314	17.329	70	28.68	116	29.920	66	25.43	189	31.968	93	72.01	193
Sept. 7	12.81	20	78.74	304	17.399	104	27.52	95	29.986	105	23.54	168	32.061	131	70.08	207
17	13.01	33	75.70	281	17.503	140	26.57	67	30.091	146	21.86	140	32.192	169	68.01	218
27	13.34	46	72.89	248	17.643	176	25.90	34	30.237	188	20.46	104	32.361	209	65.83	226
Okt. 7	13.80	59	70.41	205	17.819	212	25.56	3	30.425	228	19.42	62	32.570	248	63.57	230
17	14.39	69	68.36	153	18.031	246	25.59	43	30.653	266	18.80	16	32.818	287	61.27	229
27	15.08	76	66.83	93	18.277	276	26.02	82	30.919	298	18.64	34	33.105	321	58.98	222
Nov. 6	15.84	83	65.90	29	18.553	301	26.84	122	31.217	325	18.98	84	33.426	350	56.76	210
16	16.67	86	65.61	37	18.854	318	28.06	159	31.542	343	19.82	133	33.776	372	54.66	192
26	17.53	85	65.98	104	19.172	326	29.65	191	31.885	350	21.15	177	34.148	384	52.74	166
Dez. 6	18.38	82	67.02	167	19.498	324	31.56	217	32.235	345	22.92	217	34.532	387	51.08	136
16	19.20	77	68.69	225	19.822	312	33.73	235	32.580	331	25.09	250	34.919	377	49.72	100
26	19.97	68	70.94	275	20.134	288	36.08	247	32.911	304	27.59	274	35.296	354	48.72	61
36	20.65		73.69		20.422		38.55		33.215		30.33		35.650		48.11	
Mittl. Ort	15.00		70.09		17.003		22.58		29.682		18.38		32.123		78.27	
sec δ, tg δ	3.571		−3.428		1.043		−0.297		1.164		−0.595		1.252		+0.754	
a, *a'*	+1.2		−18.3		+2.9		−18.3		+2.8		−18.3		+3.5		−18.3	
b, *b'*	+0.21		− 0.41		+0.02		− 0.41		+0.04		− 0.40		−0.05		− 0.40	

Scheinbare Sternörter 1942

Tag	393) 196 G. Carinae AR.		393) Dekl.		394) 36 Ursae maj. AR.		394) Dekl.		395) 9 H. Draconis AR.		395) Dekl.		404) 33 Sextantis AR.		404) Dekl.	
1942	10h 25m		−58° 26′		10h 26m		+56° 16′		10h 30m		+76° 0′		10h 38m		−1° 26′	
Jan. 1	46.896	386	22.69	311	55.872	444	25.76	46	13.42	92	25.98	116	27.584	278	13.14	202
11	47.282	321	25.80	340	56.316	391	26.22	96	14.34	79	27.14	169	27.862	244	15.16	187
21	47.603	248	29.20	360	56.707	324	27.18	142	15.13	66	28.83	217	28.106	203	17.03	170
31	47.851	171	32.80	369	57.031	246	28.60	181	15.79	50	31.00	256	28.309	159	18.73	147
Febr. 10	48.022	92	36.49	368	57.277	164	30.41	212	16.29	32	33.56	284	28.468	112	20.20	122
20	27 48.114	15	40.17	359	27 57.441	81	32.53	233	28 16.61	14	36.40	300	28.580	65	21.42	96
März 1*)	48.129	57	43.76	341	57.522	0	34.86	245	16.75	4	39.40	305	28.645	20	22.38	71
11	48.072	123	47.17	316	57.522	76	37.31	245	16.71	22	42.45	296	28.665	19	23.09	47
21	47.949	180	50.33	285	57.446	142	39.76	236	16.49	37	45.41	276	28.646	53	23.56	25
31	47.769	227	53.18	249	57.304	197	42.12	216	16.12	51	48.17	246	28.593	81	23.81	4
Apr. 10	47.542	267	55.67	208	57.107	239	44.28	190	15.61	61	50.63	208	28.512	101	23.85	13
20	47.275	296	57.75	163	56.868	267	46.18	156	15.00	69	52.71	161	28.411	115	23.72	29
30	46.979	316	59.38	115	56.601	284	47.74	117	14.31	74	54.32	110	28.296	123	23.43	41
Mai 10	46.663	328	60.53	66	56.317	287	48.91	76	13.57	76	55.42	57	28.173	124	23.02	53
20	46.335	330	61.19	16	56.030	280	49.67	32	12.81	76	55.99	2	28.049	122	22.49	62
30	46.005	325	61.35	35	55.750	264	49.99	12	12.05	72	56.01	52	27.927	116	21.87	70
Juni 9	45.680	311	61.00	84	55.486	240	49.87	54	11.33	67	55.49	105	27.811	106	21.17	75
19	45.369	290	60.16	131	55.246	208	49.33	96	10.66	60	54.44	153	27.705	93	20.42	79
29	45.079	261	58.85	175	55.038	172	48.37	134	10.06	52	52.91	199	27.612	78	19.63	81
Juli 9	44.818	225	57.10	213	54.866	131	47.03	170	9.54	42	50.92	238	27.534	61	18.82	80
19	44.593	181	54.97	245	54.735	87	45.33	201	9.12	30	48.54	272	27.473	42	18.02	77
29	44.412	130	52.52	270	54.648	40	43.32	229	8.82	19	45.82	301	27.431	20	17.25	69
Aug. 8	44.282	73	49.82	286	54.608	9	41.03	251	8.63	7	42.81	322	27.411	4	16.56	60
18	44.209	10	46.96	293	54.617	61	38.52	269	8.56	6	39.59	337	27.415	31	15.96	46
28	44.199	58	44.03	288	54.678	113	35.83	283	8.62	18	36.22	346	27.446	59	15.50	29
Sept. 7	44.257	128	41.15	274	54.791	167	33.00	291	8.80	32	32.76	348	27.505	91	15.21	7
17	44.385	199	38.41	249	54.958	223	30.09	294	9.12	44	29.28	341	27.596	125	15.14	17
27	44.584	270	35.92	213	55.181	278	27.15	291	9.56	57	25.87	328	27.721	160	15.31	45
Okt. 7	44.854	335	33.79	168	55.459	332	24.24	282	10.13	68	22.59	308	27.881	195	15.76	73
17	45.189	394	32.11	115	55.791	383	21.42	266	10.81	79	19.51	280	28.076	229	16.49	102
27	45.583	443	30.96	56	56.174	429	18.76	243	11.60	89	16.71	245	28.305	261	17.51	131
Nov. 6	46.026	479	30.40	7	56.603	469	16.33	214	12.49	97	14.26	202	28.566	288	18.82	157
16	46.505	500	30.47	70	57.072	498	14.19	178	13.46	103	12.24	154	28.854	307	20.39	179
26	47.005	505	31.17	132	57.570	515	12.41	137	14.49	107	10.70	99	29.161	319	22.18	196
Dez. 6	47.510	493	32.49	191	58.085	518	11.04	89	15.56	106	9.71	41	29.480	322	24.14	206
16	48.003	464	34.40	243	58.603	505	10.15	38	16.62	104	9.30	19	29.802	314	26.20	210
26	48.467	419	36.83	288	59.108	475	9.77	13	17.66	98	9.49	79	30.116	295	28.30	206
36	48.886		39.71		59.583		9.90		18.64		10.28		30.411		30.36	
Mittl. Ort	44.687		34.02		55.704		43.36		13.19		45.54		27.111		10.14	
sec δ, tg δ	1.911		−1.628		1.801		+1.498		4.137		+4.015		1.000		−0.025	
a, *a′*	+2.2		−18.4		+3.9		−18.4		+5.1		−18.5		+3.1		−18.8	
b, *b′*	+0.10		− 0.40		−0.09		− 0.40		−0.25		− 0.38		0.00		− 0.35	

*) Bei Stern 404) lies März 2.

Tag	406) ϑ Carinae AR.	406) ϑ Carinae Dekl.	407) 42 Leonis min. AR.	407) 42 Leonis min. Dekl.	408) μ Velorum AR.	408) μ Velorum Dekl.	409) 53 Leonis AR.	409) 53 Leonis Dekl.
1942	10ʰ 40ᵐ	−64° 5′	10ʰ 42ᵐ	+30° 58′	10ʰ 44ᵐ	−49° 6′	10ʰ 46ᵐ	+10° 50′
Jan. 1	55.55 47	10.77 295	38.807 324	65.69 75	17.668 353	36.56 296	12.874 290	62.88 159
11	56.02 39	13.72 332	39.131 288	64.94 37	18.021 303	39.52 322	13.164 258	61.29 135
21	56.41 31	17.04 356	39.419 244	64.57 2	18.324 246	42.74 339	13.422 218	59.94 107
31	56.72 23	20.60 371	39.663 193	64.59 40	18.570 185	46.13 346	13.640 173	58.87 78
Febr. 10	56.95 13	24.31 376	39.856 138	64.99 73	18.755 121	49.59 344	13.813 125	58.09 49
20	57.08 5	28.07 372	39.994 83	65.72 102	18.876 57	53.03 335	13.938 77	57.60 21
März 2	57.13 5	31.79 359	40.077 30	66.74 124	18.933 2	56.38 317	14.015 32	57.39 4
11	[3] 57.08 13	35.38 339	[3] 40.107 19	67.98 138	[3] 18.931 57	59.55 294	[4] 14.047 10	57.43 26
21	56.95 19	38.77 311	40.088 61	69.36 147	18.874 105	62.49 264	14.037 46	57.69 44
31	56.76 25	41.88 277	40.027 96	70.83 147	18.769 146	65.13 230	13.991 76	58.13 57
Apr. 10	56.51 30	44.65 239	39.931 123	72.30 141	18.623 178	67.43 192	13.915 98	58.70 67
20	56.21 35	47.04 195	39.808 142	73.71 130	18.445 204	69.35 152	13.817 113	59.37 73
30	55.86 37	48.99 148	39.666 152	75.01 113	18.241 222	70.87 108	13.704 122	60.10 75
Mai 10	55.49 40	50.47 98	39.514 155	76.14 93	18.019 233	71.95 63	13.582 125	60.85 74
20	55.09 40	51.45 47	39.359 153	77.07 71	17.786 238	72.58 17	13.457 124	61.59 71
30	54.69 41	51.92 6	39.206 144	77.78 47	17.548 236	72.75 28	13.333 117	62.30 66
Juni 9	54.28 39	51.86 57	39.062 132	78.25 22	17.312 229	72.47 73	13.216 108	62.96 60
19	53.89 38	51.29 107	38.930 116	78.47 4	17.083 216	71.74 116	13.108 95	63.56 52
29	53.51 35	50.22 155	38.814 96	78.43 29	16.867 197	70.58 156	13.013 81	64.08 42
Juli 9	53.16 31	48.67 197	38.718 74	78.14 54	16.670 172	69.02 190	12.932 63	64.50 32
19	52.85 26	46.70 235	38.644 51	77.60 77	16.498 142	67.12 220	12.869 44	64.82 20
29	52.59 20	44.35 265	38.593 25	76.83 101	16.356 106	64.92 243	12.825 23	65.02 6
Aug. 8	52.39 13	41.70 286	38.568 4	75.82 123	16.250 64	62.49 258	12.802 1	65.08 10
18	52.26 5	38.84 298	38.572 34	74.59 143	16.186 18	59.91 264	12.803 27	64.98 26
28	52.21 2	35.86 299	38.606 67	73.16 163	16.168 34	57.27 261	12.830 56	64.72 46
Sept. 7	52.23 11	32.87 291	38.673 102	71.53 181	16.202 89	54.66 247	12.886 87	64.26 67
17	52.34 20	29.96 270	38.775 140	69.72 196	16.291 146	52.19 224	12.973 121	63.59 88
27	52.54 28	27.26 238	38.915 178	67.76 209	16.437 204	49.95 191	13.094 156	62.71 111
Okt. 7	52.82 37	24.88 197	39.093 216	65.67 219	16.641 259	48.04 149	13.250 192	61.60 133
17	53.19 44	22.91 146	39.309 255	63.48 224	16.900 311	46.55 100	13.442 227	60.27 154
27	53.63 50	21.45 89	39.564 291	61.24 224	17.211 357	45.55 45	13.669 260	58.73 171
Nov. 6	54.13 55	20.56 27	39.855 322	59.00 219	17.568 392	45.10 13	13.929 289	57.02 186
16	54.68 58	20.29 38	40.177 346	56.81 207	17.960 417	45.23 73	14.218 311	55.16 196
26	55.26 59	20.67 102	40.523 361	54.74 189	18.377 428	45.96 130	14.529 325	53.20 199
Dez. 6	55.85 58	21.69 163	40.884 367	52.85 165	18.805 425	47.26 185	14.854 329	51.21 197
16	56.43 55	23.32 220	41.251 361	51.20 134	19.230 408	49.11 234	15.183 324	49.24 187
26	56.98 50	25.52 270	41.612 343	49.86 100	19.638 377	51.45 274	15.507 307	47.37 171
36	57.48	28.22	41.955	48.86	20.015	54.19	15.814	45.66
Mittl. Ort	52.95	24.28	38.644	77.99	16.168	47.45	12.567	69.38
sec δ, tg δ	2.289	−2.058	1.167	+0.601	1.528	−1.155	1.018	+0.192
a, *a′*	+2.1	−18.9	+3.3	−18.9	+2.6	−19.0	+3.2	−19.0
b, *b′*	+0.13	− 0.34	−0.04	− 0.33	+0.07	− 0.32	−0.01	− 0.32

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Tag	415) 239 G. Velorum AR.		Dekl.		416) β Ursae maj. AR.		Dekl.		417) α Ursae maj. AR.		Dekl.		418) χ Leonis AR.		Dekl.	
1942	$10^h\ 57^m$		−41° 54′		$10^h\ 58^m$		+56° 41′		$11^h\ 0^m$		+62° 3′		$11^h\ 2^m$		+7° 38′	
Jan. 1	30.368	336	41.92	282	21.116	474	19.98	12	9.68	54	34.10	29	1.788	295	54.89	175
11	30.704	295	44.74	305	21.590	429	20.10	67	10.22	49	34.39	86	2.083	265	53.14	154
21	30.999	246	47.79	318	22.019	368	20.77	117	10.71	42	35.25	138	2.348	227	51.60	128
31	31.245	192	50.97	324	22.387	297	21.94	163	11.13	34	36.63	184	2.575	185	50.32	101
Febr. 10	31.437	135	54.21	320	22.684	219	23.57	201	11.47	25	38.47	222	2.760	138	49.31	71
20	31.572	79	57.41	309	22.903	136	25.58	229	11.72	15	40.69	250	2.898	91	48.60	43
März 2	31.651	25	60.50	291	23.039	54	27.87	248	11.87	6	43.19	267	[8] 2.989	47	48.17	17
11	[7] 31.676	25	63.41	268	[7] 23.093	23	30.35	256	[7] 11.93	3	45.86	273	3.036	5	48.00	7
21	31.651	68	66.09	240	23.070	94	32.91	252	11.90	12	48.59	267	3.041	31	48.07	27
31	31.583	105	68.49	208	22.976	155	35.43	239	11.78	19	51.26	252	3.010	62	48.34	42
Apr. 10	31.478	135	70.57	174	22.821	205	37.82	216	11.59	24	53.78	226	2.948	85	48.76	55
20	31.343	159	72.31	136	22.616	242	39.98	187	11.35	30	56.04	192	2.863	102	49.31	64
30	31.184	176	73.67	96	22.374	267	41.85	151	11.05	32	57.96	153	2.761	113	49.95	69
Mai 10	31.008	187	74.63	55	22.107	281	43.36	110	10.73	34	59.49	109	2.648	119	50.64	72
20	30.821	192	75.18	14	21.826	284	44.46	67	10.39	35	60.58	62	2.529	120	51.36	72
30	30.629	194	75.32	26	21.542	277	45.13	22	10.04	34	61.20	14	2.409	116	52.08	69
Juni 9	30.435	189	75.06	67	21.265	261	45.35	24	9.70	33	61.34	35	2.293	110	52.77	66
19	30.246	180	74.39	106	21.004	238	45.11	68	9.37	30	60.99	82	2.183	101	53.43	61
29	30.066	165	73.33	141	20.766	209	44.43	110	9.07	26	60.17	126	2.082	88	54.04	53
Juli 9	29.901	147	71.92	172	20.557	175	43.33	149	8.81	22	58.91	167	1.994	73	54.57	44
19	29.754	123	70.20	198	20.382	136	41.84	186	8.59	18	57.24	205	1.921	57	55.01	34
29	29.631	94	68.22	219	20.246	94	39.98	218	8.41	12	55.19	239	1.864	37	55.35	22
Aug. 8	29.537	60	66.03	232	20.152	48	37.80	246	8.29	7	52.80	268	1.827	15	55.57	7
18	29.477	22	63.71	237	20.104	2	35.34	269	8.22	1	50.12	290	1.812	10	55.64	9
28	29.455	22	61.34	234	20.106	55	32.65	288	8.21	5	47.22	309	1.822	38	55.55	28
Sept. 7	29.477	69	59.00	220	20.161	109	29.77	302	8.26	11	44.13	321	1.860	70	55.27	49
17	29.546	119	56.80	198	20.270	167	26.75	310	8.37	18	40.92	327	1.930	103	54.78	72
27	29.665	171	54.82	167	20.437	225	23.65	311	8.55	26	37.65	327	2.033	139	54.06	96
Okt. 7	29.836	222	53.15	128	20.662	284	20.54	307	8.81	32	34.38	318	2.172	177	53.10	120
17	30.058	270	51.87	82	20.946	341	17.47	295	9.13	38	31.20	304	2.349	213	51.90	143
27	30.328	312	51.05	30	21.287	395	14.52	276	9.51	45	28.16	282	2.562	248	50.47	164
Nov. 6	30.640	348	50.75	24	21.682	443	11.76	250	9.96	50	25.34	251	2.810	278	48.83	182
16	30.988	375	50.99	79	22.125	481	9.26	216	10.46	55	22.83	213	3.088	303	47.01	195
26	31.363	389	51.78	133	22.606	508	7.10	175	11.01	58	20.70	169	3.391	319	45.06	202
Dez. 6	31.752	391	53.11	182	23.114	522	5.35	128	11.59	59	19.01	119	3.710	327	43.04	204
16	32.143	380	54.93	227	23.636	518	4.07	77	12.18	59	17.82	64	4.037	324	41.00	198
26	32.523	357	57.20	263	24.154	499	3.30	22	12.77	57	17.18	7	4.361	310	39.02	186
36	32.880		59.83		24.653		3.08		13.34		17.11		4.671		37.16	
Mittl. Ort	29.239		52.00		21.271		37.46		9.91		52.33		1.537		59.83	
sec δ, tg δ	1.344		−0.898		1.821		+1.522		2.135		+1.886		1.009		+0.134	
a, *a′*	+2.8		−19.3		+3.6		−19.3		+3.7		−19.4		+3.1		−19.4	
b, *b′*	+0.06		−0.27		−0.10		−0.27		−0.12		−0.26		−0.01		−0.25	

Tag	420) ψ Ursae maj. AR.		420) ψ Ursae maj. Dekl.		421) β Crateris AR.		421) β Crateris Dekl.		422) δ Leonis AR.		422) δ Leonis Dekl.		423) ϑ Leonis AR.		423) ϑ Leonis Dekl.	
1942	$11^h 6^m$		$+44° 48'$		$11^h 8^m$		$-22° 30'$		$11^h 11^m$		$+20° 50'$		$11^h 11^m$		$+15° 44'$	
Jan. 1	24.489	390	33.80	42	48.732	303	26.67	252	1.635	316	21.68	134	11.998	308	41.64	152
11	24.879	354	33.38	8	49.035	271	29.19	260	1.951	287	20.34	101	12.306	279	40.12	123
21	25.233	308	33.46	57	49.306	232	31.79	259	2.238	250	19.33	66	12.585	242	38.89	91
31	25.541	252	34.03	101	49.538	188	34.38	252	2.488	205	18.67	30	12.827	200	37.98	58
Febr. 10	25.793	190	35.04	140	49.726	140	36.90	238	2.693	157	18.37	5	13.027	153	37.40	25
20	25.983	125	36.44	172	49.866	93	39.28	220	2.850	108	18.42	36	13.180	105	37.15	5
März 2	26.108	61	38.16	195	10 49.959	47	41.48	198	10 2.958	60	18.78	63	10 13.285	58	37.20	32
11	9 26.169	2	40.11	209	50.006	5	43.46	173	3.018	15	19.41	85	13.343	15	37.52	55
21	26.171	53	42.20	214	50.011	31	45.19	147	3.033	25	20.26	101	13.358	24	38.07	73
31	26.118	99	44.34	209	49.980	63	46.66	119	3.008	59	21.27	110	13.334	56	38.80	86
Apr. 10	26.019	138	46.43	196	49.917	88	47.85	91	2.949	86	22.37	115	13.278	81	39.66	93
20	25.881	166	48.39	176	49.829	107	48.76	62	2.863	106	23.52	114	13.197	101	40.59	96
30	25.715	186	50.15	150	49.722	121	49.38	34	2.757	119	24.66	108	13.096	114	41.55	95
Mai 10	25.529	196	51.65	119	49.601	129	49.72	6	2.638	127	25.74	98	12.982	121	42.50	90
20	25.333	200	52.84	84	49.472	133	49.78	21	2.511	129	26.72	86	12.861	123	43.40	81
30	25.133	195	53.68	48	49.339	134	49.57	47	2.382	127	27.58	70	12.738	121	44.21	71
Juni 9	24.938	185	54.16	11	49.205	130	49.10	72	2.255	120	28.28	54	12.617	116	44.92	60
19	24.753	169	54.27	27	49.075	123	48.38	95	2.135	111	28.82	35	12.501	106	45.52	46
29	24.584	150	54.00	64	48.952	113	47.43	115	2.024	99	29.17	16	12.395	95	45.98	32
Juli 9	24.434	127	53.36	98	48.839	100	46.28	132	1.925	84	29.33	3	12.300	81	46.30	15
19	24.307	100	52.38	131	48.739	83	44.96	145	1.841	66	29.30	24	12.219	64	46.45	1
29	24.207	69	51.07	163	48.656	63	43.51	153	1.775	46	29.06	44	12.155	45	46.44	18
Aug. 8	24.138	37	49.44	190	48.593	39	41.98	156	1.729	22	28.62	65	12.110	22	46.26	37
18	24.101	0	47.54	215	48.554	10	40.42	152	1.707	3	27.97	86	12.088	3	45.89	57
28	24.101	39	45.39	236	48.544	22	38.90	143	1.710	32	27.11	108	12.091	31	45.32	78
Sept. 7	24.140	82	43.03	254	48.566	58	37.47	126	1.742	65	26.03	129	12.122	62	44.54	98
17	24.222	126	40.49	268	48.624	96	36.21	103	1.807	100	24.74	149	12.184	97	43.56	120
27	24.348	173	37.81	276	48.720	137	35.18	73	1.907	137	23.25	169	12.281	134	42.36	142
Okt. 7	24.521	221	35.05	280	48.857	179	34.45	39	2.044	176	21.56	186	12.415	173	40.94	162
17	24.742	268	32.25	278	49.036	220	34.06	0	2.220	215	19.70	201	12.588	210	39.32	179
27	25.010	313	29.47	268	49.256	258	34.06	41	2.435	252	17.69	212	12.798	247	37.53	195
Nov. 6	25.323	353	26.79	253	49.514	291	34.47	84	2.687	286	15.57	217	13.045	279	35.58	205
16	25.676	387	24.26	229	49.805	316	35.31	126	2.973	313	13.40	218	13.324	306	33.53	211
26	26.063	411	21.97	199	50.121	333	36.57	164	3.286	333	11.22	212	13.630	325	31.42	210
Dez. 6	26.474	423	19.98	162	50.454	340	38.21	197	3.619	343	9.10	198	13.955	335	29.32	202
16	26.897	423	18.36	119	50.794	334	40.18	224	3.962	342	7.12	179	14.290	334	27.30	188
26	27.320	409	17.17	72	51.128	319	42.42	244	4.304	331	5.33	153	14.624	323	25.42	168
36	27.729		16.45		51.447		44.86		4.635		3.80		14.947		23.74	
Mittl. Ort	24.604		48.94		48.127		31.84		1.562		30.44		11.877		48.82	
sec δ, tg δ	1.410		+0.994		1.082		−0.414		1.070		+0.381		1.039		+0.282	
a, *a'*	+3.4		−19.5		+3.0		−19.5		+3.2		−19.6		+3.2		−19.6	
b, *b'*	−0.06		−0.23		+0.03		−0.22		−0.02		−0.21		−0.02		−0.21	

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Tag	425) ν Ursae maj. AR.		Dekl.		426) δ Crateris AR.		Dekl.		427) σ Leonis AR.		Dekl.		428) π Centauri AR.		Dekl.	
1942	11h 15m		+33° 24′		11h 16m		−14° 27′		11h 18m		+6° 20′		11h 18m		−54° 10′	
	s		″		s		″		s		″		s		″	
Jan. 1	20.946	347	27.54	92	26.735	300	48.91	234	8.914	301	47.07	183	22.727	417	7.94	266
11	21.293	317	26.62	49	27.035	271	51.25	234	9.215	274	45.24	163	23.144	371	10.60	301
21	21.610	277	26.13	5	27.306	234	53.59	228	9.489	239	43.61	139	23.515	316	13.61	326
31	21.887	230	26.08	37	27.540	192	55.87	214	9.728	198	42.22	111	23.831	253	16.87	343
Febr. 10	22.117	177	26.45	75	27.732	147	58.01	197	9.926	154	41.11	82	24.084	186	20.30	349
20	22.294	122	27.20	109	27.879	102	59.98	176	10.080	108	40.29	54	24.270	119	23.79	348
März 2	22.416	69	28.29	135	27.981	57	61.74	152	10.188	63	39.75	26	24.389	53	27.27	338
11*)	(11) 22.485	18	29.64	155	(12) 28.038	16	63.26	127	(12) 10.251	21	39.49	2	(12) 24.442	8	30.65	321
21	22.503	29	31.19	166	28.054	20	64.53	102	10.272	15	39.47	20	24.434	63	33.86	298
31	22.474	68	32.85	170	28.034	50	65.55	77	10.257	46	39.67	38	24.371	113	36.84	269
Apr. 10	22.406	100	34.55	166	27.984	75	66.32	52	10.211	71	40.05	51	24.258	156	39.53	236
20	22.306	124	36.21	156	27.909	94	66.84	28	10.140	91	40.56	61	24.102	192	41.89	198
30	22.182	141	37.77	139	27.815	108	67.12	6	10.049	103	41.17	68	23.910	220	43.87	156
Mai 10	22.041	151	39.16	118	27.707	116	67.18	16	9.946	112	41.85	72	23.690	242	45.43	112
20	21.890	155	40.34	94	27.591	121	67.02	36	9.834	115	42.57	73	23.448	256	46.55	67
30	21.735	152	41.28	67	27.470	122	66.66	54	9.719	114	43.30	71	23.192	265	47.22	19
Juni 9	21.583	146	41.95	38	27.348	119	66.12	72	9.605	111	44.01	69	22.927	267	47.41	28
19	21.437	136	42.33	9	27.229	113	65.40	88	9.494	104	44.70	64	22.660	262	47.13	74
29	21.301	121	42.42	20	27.116	104	64.52	100	9.390	94	45.34	57	22.398	251	46.39	119
Juli 9	21.180	104	42.22	49	27.012	92	63.52	111	9.296	82	45.91	49	22.147	231	45.20	159
19	21.076	83	41.73	77	26.920	78	62.41	117	9.214	67	46.40	40	21.916	205	43.61	195
29	20.993	61	40.96	105	26.842	59	61.24	120	9.147	50	46.80	27	21.711	170	41.66	226
Aug. 8	20.932	34	39.91	131	26.783	38	60.04	118	9.097	29	47.07	13	21.541	129	39.40	249
18	20.898	5	38.60	155	26.745	12	58.86	112	9.068	5	47.20	3	21.412	79	36.91	264
28	20.893	28	37.05	178	26.733	18	57.74	99	9.063	22	47.17	21	21.333	24	34.27	269
Sept. 7	20.921	63	35.27	198	26.751	51	56.75	82	9.085	54	46.96	43	21.309	37	31.58	265
17	20.984	102	33.29	217	26.802	87	55.93	59	9.139	87	46.53	65	21.346	103	28.93	250
27	21.086	143	31.12	231	26.889	126	55.34	31	9.226	124	45.88	90	21.449	171	26.43	225
Okt. 7	21.229	186	28.81	243	27.015	167	55.03	2	9.350	162	44.98	115	21.620	238	24.18	189
17	21.415	228	26.38	249	27.182	206	55.05	36	9.512	200	43.83	138	21.858	302	22.29	146
27	21.643	269	23.89	249	27.388	244	55.41	73	9.712	237	42.45	161	22.160	359	20.83	95
Nov. 6	21.912	306	21.40	245	27.632	277	56.14	109	9.949	269	40.84	180	22.519	408	19.88	38
16	22.218	337	18.95	233	27.909	303	57.23	144	10.218	296	39.04	195	22.927	444	19.50	22
26	22.555	360	16.62	214	28.212	322	58.67	174	10.514	316	37.09	205	23.371	466	19.72	81
Dez. 6	22.915	373	14.48	188	28.534	329	60.41	200	10.830	326	35.04	208	23.837	473	20.53	139
16	23.288	373	12.60	155	28.863	327	62.41	219	11.156	326	32.96	204	24.310	464	21.92	193
26	23.661	363	11.05	118	29.190	314	64.60	231	11.482	315	30.92	193	24.774	439	23.85	241
36	24.024		9.87		29.504		66.91		11.797		28.99		25.213		26.26	
Mittl. Ort	21.017		39.75		26.300		51.88		8.738		50.97		21.264		22.34	
sec δ, tg δ	1.198		+0.660		1.033		−0.258		1.006		+0.111		1.708		−1.385	
a, a′	+3.2		−19.7		+3.0		−19.7		+3.1		−19.7		+2.7		−19.7	
b, b′	−0.04		−0.19		+0.02		−0.19		−0.01		−0.18		+0.09		−0.18	

*) Bei Stern 426), 427) und 428) lies März 12.

Tag	429) Grb 1771 UMaj				433) λ Draconis				434) ξ Hydrae				436) λ Centauri			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	11h 19m		+64° 38′		11h 27m		+69° 38′		11h 30m		−31° 32′		11h 33m		−62° 41′	
	s		″		s		″		s		″		s		″	
Jan. 1	25.02	60	35.01	15	58.23	72	46.37	18	9.299	330	1.92	253	7.55	52	38.10	245
11	25.62	55	35.16	74	58.95	67	46.55	82	9.629	299	4.45	270	8.07	47	40.55	286
21	26.17	49	35.90	129	59.62	59	47.37	138	9.928	261	7.15	279	8.54	40	43.41	320
31	26.66	40	37.19	179	60.21	50	48.75	189	10.189	216	9.94	281	8.94	33	46.61	344
Febr. 10	27.06	30	38.98	221	60.71	38	50.64	232	10.405	168	12.75	275	9.27	25	50.05	358
20	27.36	21	41.19	253	61.09	27	52.96	266	10.573	119	15.50	263	9.52	17	53.63	363
März 2	27.57	11	43.72	274	61.36	14	55.62	288	10.692	71	18.13	245	9.69	9	57.26	361
12	27.68	0	46.46	284	61.50	2	58.50	297	10.763	27	20.58	225	(16) 9.78	1	60.87	350
21	(12) 27.68	9	49.30	282	(15) 61.52	10	61.47	294	(15) 10.790	14	22.83	199	9.79	6	64.37	331
31	27.59	18	52.12	268	61.42	21	64.41	281	10.776	48	24.82	172	9.73	13	67.68	306
Apr. 10	27.41	24	54.80	244	61.21	30	67.22	256	10.728	78	26.54	142	9.60	18	70.74	275
20	27.17	30	57.24	213	60.91	37	69.78	223	10.650	102	27.96	112	9.42	24	73.49	239
30	26.87	35	59.37	174	60.54	43	72.01	182	10.548	121	29.08	79	9.18	28	75.88	198
Mai 10	26.52	37	61.11	130	60.11	47	73.83	136	10.427	134	29.87	47	8.90	31	77.86	154
20	26.15	38	62.41	82	59.64	49	75.19	86	10.293	143	30.34	14	8.59	33	79.40	107
30	25.77	39	63.23	32	59.15	49	76.05	34	10.150	148	30.48	19	8.26	36	80.47	57
Juni 9	25.38	37	63.55	18	58.66	49	76.39	19	10.002	150	30.29	50	7.90	36	81.04	6
19	25.01	35	63.37	68	58.17	46	76.20	71	9.852	147	29.79	81	7.54	37	81.10	45
29	24.66	32	62.69	115	57.71	43	75.49	121	9.705	141	28.98	108	7.17	35	80.65	93
Juli 9	24.34	28	61.54	159	57.28	38	74.28	167	9.564	130	27.90	134	6.82	34	79.72	140
19	24.06	24	59.95	200	56.90	33	72.61	210	9.434	115	26.56	156	6.48	30	78.32	183
29	23.82	18	57.95	237	56.57	26	70.51	248	9.319	96	25.00	171	6.18	26	76.49	220
Aug. 8	23.64	12	55.58	269	56.31	19	68.03	282	9.223	71	23.29	181	5.92	21	74.29	250
18	23.52	7	52.89	296	56.12	12	65.21	309	9.152	42	21.48	185	5.71	15	71.79	272
28	23.45	1	49.93	316	56.00	3	62.12	331	9.110	7	19.63	183	5.56	8	69.07	284
Sept. 7	23.46	7	46.77	331	55.97	5	58.81	345	9.103	32	17.80	172	5.48	1	66.23	287
17	23.53	15	43.46	340	56.02	15	55.36	354	9.135	75	16.08	152	5.49	9	63.36	279
27	23.68	22	40.06	342	56.17	24	51.82	355	9.210	120	14.56	126	5.58	17	60.57	258
Okt. 7	23.90	30	36.64	336	56.41	33	48.27	348	9.330	168	13.30	93	5.75	26	57.99	228
17	24.20	38	33.28	322	56.74	43	44.79	334	9.498	215	12.37	53	6.01	35	55.71	188
27	24.58	45	30.06	301	57.17	51	41.45	311	9.713	258	11.84	9	6.36	42	53.83	138
Nov. 6	25.03	51	27.05	272	57.68	59	38.34	279	9.971	296	11.75	37	6.78	48	52.45	82
16	25.54	57	24.33	235	58.27	66	35.55	240	10.267	328	12.12	84	7.26	54	51.63	23
26	26.11	61	21.98	190	58.93	72	33.15	193	10.595	349	12.96	130	7.80	56	51.40	40
Dez. 6	26.72	63	20.08	138	59.65	75	31.22	140	10.944	359	14.26	172	8.36	58	51.80	102
16	27.35	64	18.70	83	60.40	76	29.82	81	11.303	358	15.98	208	8.94	57	52.82	161
26	27.99	61	17.87	23	61.16	75	29.01	20	11.661	344	18.06	239	9.51	54	54.43	215
36	28.60		17.64		61.91		28.81		12.005		20.45		10.05		56.58	
Mittl. Ort	25.54		53.33		59.02		65.08		8.658		11.07		5.70		55.16	
sec δ, tg δ	2.336		+2.111		2.876		+2.696		1.173		−0.614		2.180		−1.937	
a, *a′*	+3.6		−19.7		+3.6		−19.8		+3.0		−19.9		+2.8		−19.9	
b, *b′*	−0.14		− 0.18		−0.18		− 0.14		+0.04		− 0.13		+0.13		− 0.12	

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Tag	437) υ Leonis AR.		437) υ Leonis Dekl.		440) 3 Draconis AR.		440) 3 Draconis Dekl.		441) χ Ursae maj. AR.		441) χ Ursae maj. Dekl.		444) β Leonis[1]) AR.		444) β Leonis[1]) Dekl.	
1942	11h 33m		−0° 30′		11h 39m		+67° 3′		11h 42m		+48° 5′		11h 46m		+14° 53′	
Jan. 1	58.840	305	13.07	203	14.42	66	39.43	4	59.225	424	48.83	69	6.058	318	41.04	169
11	59.145	280	15.10	190	15.08	61	39.39	58	59.649	396	48.14	14	6.376	295	39.35	140
21	59.425	247	17.00	172	15.69	55	39.97	117	60.045	356	48.00	40	6.671	265	37.95	108
31	59.672	208	18.72	149	16.24	47	41.14	170	60.401	305	48.40	90	6.936	226	36.87	74
Febr. 10	59.880	166	20.21	123	16.71	38	42.84	216	60.706	245	49.30	136	7.162	183	36.13	40
20	60.046	121	21.44	96	17.09	27	45.00	253	60.951	181	50.66	175	7.345	137	35.73	6
März 2	60.167	78	22.40	69	17.36	16	47.53	278	61.132	115	52.41	205	7.482	92	35.67	24
12	60.245	37	23.09	44	17.52	4	50.31	291	61.247	52	54.46	226	7.574	49	35.91	50
21	[16] 60.282	1	23.53	21	[17] 17.56	6	53.22	292	[18] 61.299	9	56.72	236	[19] 7.623	10	36.41	72
31	60.283	30	23.74	0	17.50	15	56.14	283	61.290	63	59.08	236	7.633	25	37.13	87
April 10	60.253	57	23.74	18	17.35	24	58.97	262	61.227	108	61.44	228	7.608	53	38.00	98
20	60.196	77	23.56	33	17.11	30	61.59	232	61.119	147	63.72	210	7.555	76	38.98	103
30	60.119	92	23.23	45	16.81	36	63.91	194	60.972	175	65.82	185	7.479	93	40.01	104
Mai 10	60.027	102	22.78	55	16.45	40	65.85	151	60.797	195	67.67	154	7.386	106	41.05	100
20	59.925	109	22.23	63	16.05	43	67.36	103	60.602	207	69.21	118	7.280	114	42.05	93
30	59.816	111	21.60	67	15.62	43	68.39	53	60.395	213	70.39	80	7.166	117	42.98	83
Juni 9	59.705	110	20.93	70	15.19	43	68.92	0	60.182	211	71.19	40	7.049	117	43.81	70
19	59.595	106	20.23	72	14.76	41	68.92	51	59.971	203	71.59	2	6.932	115	44.51	57
29	59.489	100	19.51	72	14.35	38	68.41	100	59.768	190	71.57	43	6.817	108	45.08	42
Juli 9	59.389	91	18.79	69	13.97	35	67.41	147	59.578	173	71.14	84	6.709	99	45.50	25
19	59.298	78	18.10	65	13.62	31	65.94	192	59.405	150	70.30	122	6.610	88	45.75	7
29	59.220	63	17.45	57	13.31	25	64.02	232	59.255	124	69.08	158	6.522	72	45.82	12
Aug. 8	59.157	44	16.88	47	13.06	19	61.70	266	59.131	92	67.50	191	6.450	54	45.70	31
18	59.113	21	16.41	34	12.87	13	59.04	296	59.039	58	65.59	221	6.396	31	45.39	52
28	59.092	5	16.07	18	12.74	5	56.08	321	58.981	19	63.38	248	6.365	5	44.87	74
Sept. 7	59.097	36	15.89	3	12.69	2	52.87	339	58.962	25	60.90	271	6.360	26	44.13	96
17	59.133	71	15.92	25	12.71	10	49.48	350	58.987	73	58.19	288	6.386	60	43.17	119
27	59.204	108	16.17	50	12.81	19	45.98	354	59.060	124	55.31	300	6.446	98	41.98	142
Okt. 7	59.312	147	16.67	77	13.00	28	42.44	351	59.184	177	52.31	308	6.544	138	40.56	164
17	59.459	187	17.44	105	13.28	35	38.93	339	59.361	230	49.23	308	6.682	178	38.92	183
27	59.646	225	18.49	132	13.63	44	35.54	320	59.591	284	46.15	301	6.860	219	37.09	200
Nov. 6	59.871	260	19.81	158	14.07	52	32.34	292	59.875	333	43.14	287	7.079	256	35.09	213
16	60.131	289	21.39	179	14.59	58	29.42	256	60.208	375	40.27	264	7.335	287	32.96	220
26	60.420	310	23.18	197	15.17	64	26.86	212	60.583	409	37.63	234	7.622	313	30.76	222
Dez. 6	60.730	323	25.15	207	15.81	67	24.74	160	60.992	433	35.29	196	7.935	329	28.54	217
16	61.053	326	27.22	211	16.48	69	23.14	103	61.425	442	33.33	152	8.264	334	26.37	204
26	61.379	317	29.33	209	17.17	68	22.11	43	61.867	438	31.81	102	8.598	329	24.33	184
36	61.696		31.42		17.85		21.68		62.305		30.79		8.927		22.49	
Mittl. Ort	58.679		12.12		15.28		57.65		59.680		63.86		6.127		46.76	
sec δ, tg δ	1.000		−0.009		2.566		+2.363		1.497		+1.115		1.035		+0.266	
a, *a′*	+3.1		−19.9		+3.4		−20.0		+3.2		−20.0		+3.1		−20.0	
b, *b′*	0.00		−0.11		−0.16		−0.09		−0.07		−0.07		−0.02		−0.06	

[1]) Die jährliche Parallaxe (0.″101) ist bereits berücksichtigt.

Tag	445) β Virginis¹) AR.		445) Dekl.		447) γ Ursae maj. AR.		447) Dekl.		450) o Virginis AR.		450) Dekl.		452) δ Centauri AR.		452) Dekl.	
1942	$11^h 47^m$		+2° 5′		$11^h 50^m$		+54° 0′		$12^h 2^m$		+9° 2′		$12^h 5^m$		−50° 23′	
Jan. 1	40.443	312	28.58	200	46.677	473	46.13	58	15.152	318	75.31	188	21.422	429	41.52	222
11	40.755	289	26.58	184	47.150	445	45.55	1	15.470	298	73.43	165	21.851	398	43.74	258
21	41.044	258	24.74	163	47.595	402	45.54	56	15.768	270	71.78	138	22.249	356	46.32	288
31	41.302	220	23.11	138	47.997	347	46.10	109	16.038	234	70.40	108	22.605	306	49.20	308
Febr. 10	41.522	179	21.73	111	48.344	283	47.19	157	16.272	194	69.32	75	22.911	250	52.28	319
20	41.701	136	20.62	82	48.627	212	48.76	198	16.466	152	68.57	44	23.161	193	55.47	324
März 2	41.837	93	19.80	55	48.839	138	50.74	229	16.618	108	68.13	13	23.354	134	58.71	321
12	41.930	52	19.25	29	48.977	66	53.03	249	16.726	67	68.00	14	23.488	78	61.92	310
21*)	[20] 41.982	15	18.96	5	[21] 49.043	3	55.52	259	[23] 16.793	28	68.14	37	[24] 23.566	25	65.02	293
31	41.997	18	18.91	16	49.040	66	58.11	257	16.821	5	68.51	57	23.591	24	67.95	271
April 10	41.979	44	19.07	32	48.974	121	60.68	247	16.816	34	69.08	71	23.567	68	70.66	244
20	41.935	66	19.39	45	48.853	166	63.15	227	16.782	58	69.79	80	23.499	106	73.10	214
30	41.869	83	19.84	56	48.687	202	65.42	199	16.724	77	70.59	87	23.393	140	75.24	179
Mai 10	41.786	95	20.40	63	48.485	228	67.41	164	16.647	91	71.46	88	23.253	168	77.03	141
20	41.691	103	21.03	68	48.257	244	69.05	126	16.556	102	72.34	86	23.085	191	78.44	100
30	41.588	108	21.71	70	48.013	253	70.31	83	16.454	108	73.20	83	22.894	210	79.44	59
Juni 9	41.480	108	22.41	70	47.760	253	71.14	38	16.346	111	74.03	75	22.684	223	80.03	16
19	41.372	106	23.11	69	47.507	246	71.52	7	16.235	112	74.78	67	22.461	230	80.19	28
29	41.266	102	23.80	66	47.261	233	71.45	53	16.123	109	75.45	57	22.231	231	79.91	70
Juli 9	41.164	94	24.46	60	47.028	214	70.92	96	16.014	103	76.02	45	22.000	226	79.21	111
19	41.070	84	25.06	53	46.814	189	69.96	137	15.911	94	76.47	32	21.774	213	78.10	148
29	40.986	70	25.59	44	46.625	159	68.59	176	15.817	82	76.79	16	21.561	192	76.62	181
Aug. 8	40.916	52	26.03	31	46.466	125	66.83	212	15.735	66	76.95	1	21.369	163	74.81	208
18	40.864	31	26.34	17	46.341	85	64.71	244	15.669	46	76.94	18	21.206	127	72.73	229
28	40.833	4	26.51	0	46.256	40	62.27	271	15.623	21	76.76	39	21.079	81	70.44	241
Sept. 7	40.829	25	26.51	20	46.216	10	59.56	294	15.602	9	76.37	61	20.998	29	68.03	245
17	40.854	59	26.31	43	46.226	63	56.62	312	15.611	42	75.76	84	20.969	30	65.58	237
27	40.913	97	25.88	67	46.289	120	53.50	323	15.653	79	74.92	107	20.999	94	63.21	222
Okt. 7	41.010	136	25.21	93	46.409	180	50.27	329	15.732	120	73.85	132	21.093	159	60.99	196
17	41.146	177	24.28	120	46.589	241	46.98	326	15.852	161	72.53	155	21.252	225	59.03	160
27	41.323	217	23.08	145	46.830	301	43.72	317	16.013	203	70.98	176	21.477	288	57.43	118
Nov. 6	41.540	253	21.63	168	47.131	357	40.55	299	16.216	241	69.22	194	21.765	343	56.25	68
16	41.793	284	19.95	188	47.488	406	37.56	273	16.457	275	67.28	208	22.108	389	55.57	15
26	42.077	308	18.07	202	47.894	446	34.83	239	16.732	302	65.20	217	22.497	424	55.42	40
Dez. 6	42.385	323	16.05	210	48.340	475	32.44	197	17.034	321	63.03	217	22.921	444	55.82	96
16	42.708	328	13.95	212	48.815	488	30.47	149	17.355	329	60.86	212	23.365	450	56.78	148
26	43.036	322	11.83	208	49.303	486	28.98	94	17.684	327	58.74	200	23.815	441	58.26	196
36	43.358		9.75		49.789		28.04		18.011		56.74		24.256		60.22	
Mittl. Ort	40.384		29.89		47.310		62.14		15.259		78.41		20.571		57.81	
sec δ, tg δ	1.001		+0.037		1.702		+1.377		1.013		+0.159		1.569		−1.209	
a, *a′*	+3.1		−20.0		+3.1		−20.0		+3.1		−20.0		+3.1		−20.0	
b, *b′*	0.00		− 0.05		−0.09		− 0.04		−0.01		+ 0.01		+0.08		+ 0.02	

¹) Die jährliche Parallaxe (0.″101) ist bereits berücksichtigt.

*) Bei Stern 450) und 452) lies März 22.

Tag	453) ε Corvi AR.		453) ε Corvi Dekl.		454) Br 1634 Caml AR.		454) Br 1634 Caml Dekl.		456) δ Ursae maj. AR.		456) δ Ursae maj. Dekl.		459) β Chamael. AR.		459) β Chamael. Dekl.	
1942	12ʰ 7ᵐ		−22° 17′		12ʰ 9ᵐ		+77° 55′		12ʰ 12ᵐ		+57° 20′		12ʰ 14ᵐ		−78° 59′	
	s		″		s		″		s		″		s		″	
Jan. 1	8.476	330	41.95	226	27.91	117	59.99	14	32.883	511	61.05	75	57.79	121	3.15	165
11	8.806	308	44.21	237	29.08	112	59.85	51	33.394	489	60.30	15	59.00	113	4.80	220
21	9.114	278	46.58	241	30.20	103	60.36	114	33.883	450	60.15	45	60.13	101	7.00	268
31	9.392	242	48.99	238	31.23	90	61.50	172	34.333	398	60.60	102	61.14	88	9.68	307
Febr. 10	9.634	200	51.37	228	32.13	76	63.22	223	34.731	333	61.62	154	62.02	71	12.75	338
20	9.834	157	53.65	213	32.89	58	65.45	264	35.064	261	63.16	199	62.73	55	16.13	361
März 2	9.991	113	55.78	196	33.47	38	68.09	293	35.325	184	65.15	234	63.28	38	19.74	374
12	10.104	72	57.74	175	33.85	18	71.02	310	35.509	106	67.49	259	63.66	20	23.48	378
22	10.176	34	59.49	152	34.03	1	74.12	315	35.615	30	70.08	272	63.86	2	27.26	374
31	[24] 10.210	1	61.01	128	[25] 34.02	21	77.27	308	[26] 35.645	41	72.80	274	[26] 63.88	14	31.00	362
April 10	10.209	30	62.29	103	33.81	37	80.35	289	35.604	103	75.54	266	63.74	29	34.62	342
20	10.179	56	63.32	79	33.44	53	83.24	259	35.501	158	78.20	248	63.45	45	38.04	316
30	10.123	76	64.11	53	32.91	66	85.83	221	35.343	203	80.68	221	63.00	58	41.20	282
Mai 10	10.047	94	64.64	30	32.25	76	88.04	175	35.140	237	82.89	187	62.42	71	44.02	244
20	9.953	107	64.94	5	31.49	83	89.79	126	34.903	263	84.76	148	61.71	81	46.46	199
30	9.846	117	64.99	19	30.66	87	91.05	73	34.640	279	86.24	104	60.90	89	48.45	150
Juni 9	9.729	123	64.80	41	29.79	90	91.78	17	34.361	285	87.28	57	60.01	95	49.95	98
19	9.606	126	64.39	62	28.89	89	91.95	39	34.076	284	87.85	10	59.06	99	50.93	44
29	9.480	127	63.77	83	28.00	86	91.56	93	33.792	276	87.95	38	58.07	101	51.37	12
Juli 9	9.353	124	62.94	100	27.14	80	90.63	144	33.516	261	87.57	84	57.06	98	51.25	67
19	9.229	115	61.94	114	26.34	74	89.19	193	33.255	239	86.73	130	56.08	94	50.58	121
29	9.114	104	60.80	125	25.60	64	87.26	237	33.016	210	85.43	172	55.14	86	49.37	170
Aug. 8	9.010	87	59.55	132	24.96	55	84.89	277	32.806	176	83.71	211	54.28	75	47.67	214
18	8.923	64	58.23	133	24.41	42	82.12	309	32.630	135	81.60	246	53.53	62	45.53	252
28	8.859	37	56.90	130	23.99	30	79.03	337	32.495	89	79.14	277	52.91	46	43.01	282
Sept. 7	8.822	3	55.60	119	23.69	15	75.66	358	32.406	37	76.37	303	52.45	26	40.19	301
17	8.819	35	54.41	102	23.54	1	72.08	371	32.369	21	73.34	322	52.19	6	37.18	309
27	8.854	77	53.39	80	23.53	15	68.37	377	32.390	82	70.12	337	52.13	15	34.09	306
Okt. 7	8.931	123	52.59	52	23.68	31	64.60	375	32.472	149	66.75	345	52.28	37	31.03	290
17	9.054	169	52.07	19	23.99	47	60.85	364	32.621	216	63.30	344	52.65	57	28.13	264
27	9.223	213	51.88	18	24.46	62	57.21	344	32.837	284	59.86	336	53.22	77	25.49	225
Nov. 6	9.436	255	52.06	57	25.08	78	53.77	316	33.121	348	56.50	320	53.99	95	23.24	178
16	9.691	291	52.63	95	25.86	91	50.61	278	33.469	406	53.30	294	54.94	108	21.46	122
26	9.982	318	53.58	132	26.77	103	47.83	233	33.875	455	50.36	260	56.02	118	20.24	62
Dez. 6	10.300	336	54.90	166	27.80	111	45.50	179	34.330	492	47.76	218	57.20	125	19.62	3
16	10.636	344	56.56	195	28.91	116	43.71	119	34.822	515	45.58	168	58.45	126	19.65	67
26	10.980	339	58.51	218	30.07	119	42.52	56	35.337	520	43.90	112	59.71	124	20.32	129
36	11.319		60.69		31.26		41.96		35.857		42.78		60.95		21.61	
Mittl. Ort	8.238		50.00		30.31		78.31		33.813		76.99		54.07		24.85	
sec δ, tg δ	1.081		−0.410		4.786		+4.680		1.854		+1.561		5.236		−5.140	
a, *a′*	+3.1		−20.0		+2.8		−20.0		+3.0		−20.0		+3.5		−20.0	
b, *b′*	+0.03		+ 0.03		−0.31		+ 0.04		−0.10		+ 0.05		+0.34		+ 0.07	

Tag	460) η Virginis AR.		460) η Virginis Dekl.		462) α Crucis *m* AR.		462) α Crucis *m* Dekl.		466) 20 Comae AR.		466) 20 Comae Dekl.		465) δ Corvi AR.		465) δ Corvi Dekl.	
1942	$12^h\ 16^m$		$-0°\ 20'$		$12^h\ 23^m$		$-62°\ 46'$		$12^h\ 26^m$		$+21°\ 12'$		$12^h\ 26^m$		$-16°\ 11'$	
Jan. 1	56.115 s	317	39.80 "	205	22.85 s	57	21.00 "	185	48.071 s	337	55.32 "	175	51.580 s	328	26.98 "	217
11	56.432	300	41.85	193	23.42	54	22.85	233	48.408	322	53.57	141	51.908	310	29.15	221
21	56.732	275	43.78	175	23.96	49	25.18	272	48.730	297	52.16	102	52.218	284	31.36	219
31	57.007	241	45.53	152	24.45	42	27.90	304	49.027	265	51.14	61	52.502	252	33.55	212
Febr. 10	57.248	202	47.05	126	24.87	36	30.94	328	49.292	226	50.53	21	52.754	214	35.67	198
20	57.450	163	48.31	99	25.23	28	34.22	342	49.518	183	50.32	18	52.968	173	37.65	181
März 2	57.613	121	49.30	71	25.51	21	37.64	348	49.701	138	50.50	54	53.141	132	39.46	162
12	57.734	81	50.01	44	25.72	13	41.12	347	49.839	95	51.04	85	53.273	93	41.08	139
22	57.815	44	50.45	19	25.85	6	44.59	338	49.934	54	51.89	109	53.366	55	42.47	116
31	[27] 57.859	11	50.64	2	[19] 25.91	1	47.97	322	[29] 49.988	16	52.98	126	[29] 53.421	22	43.63	94
Apr. 10	57.870	18	50.62	20	25.90	7	51.19	300	50.004	17	54.24	138	53.443	9	44.57	71
20	57.852	42	50.42	36	25.83	13	54.19	272	49.987	46	55.62	143	53.434	34	45.28	49
30	57.810	62	50.06	48	25.70	19	56.91	239	49.941	69	57.05	142	53.400	56	45.77	29
Mai 10	57.748	78	49.58	58	25.51	24	59.30	201	49.872	88	58.47	134	53.344	74	46.06	9
20	57.670	91	49.00	64	25.27	27	61.31	159	49.784	103	59.81	123	53.270	90	46.15	10
30	57.579	99	48.36	67	25.00	31	62.90	114	49.681	114	61.04	108	53.180	102	46.05	27
Juni 9	57.480	106	47.69	70	24.69	33	64.04	66	49.567	120	62.12	89	53.078	111	45.78	43
19	57.374	109	46.99	71	24.36	36	64.70	17	49.447	124	63.01	69	52.967	117	45.35	59
29	57.265	110	46.28	69	24.00	36	64.87	32	49.323	125	63.70	47	52.850	120	44.76	73
Juli 9	57.155	107	45.59	65	23.64	36	64.55	80	49.198	122	64.17	23	52.730	120	44.03	84
19	57.048	101	44.94	59	23.28	34	63.75	127	49.076	116	64.40	2	52.610	116	43.19	93
29	56.947	91	44.35	52	22.94	33	62.48	169	48.960	105	64.38	27	52.494	107	42.26	99
Aug. 8	56.856	77	43.83	42	22.61	28	60.79	207	48.855	91	64.11	52	52.387	94	41.27	102
18	56.779	59	43.41	29	22.33	23	58.72	237	48.764	71	63.59	78	52.293	75	40.25	101
28	56.720	35	43.12	13	22.10	17	56.35	260	48.693	48	62.81	104	52.218	51	39.24	94
Sept. 7	56.685	6	42.99	6	21.93	10	53.75	274	48.645	19	61.77	130	52.167	20	38.30	83
17	56.679	27	43.05	27	21.83	1	51.01	277	48.626	15	60.47	154	52.147	16	37.47	66
27	56.706	65	43.32	51	21.82	8	48.24	268	48.641	54	58.93	178	52.163	55	36.81	45
Okt. 7	56.771	106	43.83	77	21.90	16	45.56	250	48.695	96	57.15	201	52.218	100	36.36	18
17	56.877	148	44.60	104	22.06	26	43.06	221	48.791	141	55.14	219	52.318	145	36.18	11
27	57.025	190	45.64	130	22.32	35	40.85	182	48.932	185	52.95	234	52.463	190	36.29	44
Nov. 6	57.215	231	46.94	156	22.67	42	39.03	134	49.117	228	50.61	245	52.653	233	36.73	79
16	57.446	267	48.50	177	23.09	50	37.69	79	49.345	268	48.16	249	52.886	271	37.52	112
26	57.713	294	50.27	195	23.59	54	36.90	22	49.613	301	45.67	247	53.157	301	38.64	143
Dez. 6	58.007	315	52.22	207	24.13	57	36.68	38	49.914	324	43.20	237	53.458	322	40.07	171
16	58.322	326	54.29	213	24.70	60	37.06	97	50.238	339	40.83	220	53.780	334	41.78	195
26	58.648	324	56.42	210	25.30	58	38.03	154	50.577	343	38.63	195	54.114	333	43.73	211
36	58.972		58.52		25.88		39.57		50.920		36.68		54.447		45.84	
Mittl. Ort	56.206		40.59		21.67		40.84		48.461		61.53		51.550		33.80	
sec δ, tg δ	1.000		−0.006		2.186		−1.944		1.073		+0.388		1.041		−0.290	
a, *a′*	+3.1		−20.0		+3.3		−19.9		+3.0		−19.9		+3.1		−19.9	
b, *b′*	0.00		+ 0.07		+0.13		+ 0.10		−0.03		+ 0.12		+0.02		+ 0.12	

Tag	470) β Canum ven.[1] AR.		Dekl.		472) ϰ Draconis AR.		Dekl.		471) β Corvi AR.		Dekl.		473) 24 Comae *sq* AR.		Dekl.	
1942	$12^h\ 30^m$		$+41°\ 39'$		$12^h\ 30^m$		$+70°\ 5'$		$12^h\ 31^m$		$-23°\ 4'$		$12^h\ 32^m$		$+18°\ 41'$	
Jan. 1	$58\overset{s}{.}792$	395	$68\overset{''}{.}69$	134	$59\overset{s}{.}23$	76	$70\overset{''}{.}75$	65	$20\overset{s}{.}222$	339	$24\overset{''}{.}95$	214	$12\overset{s}{.}844$	333	$40\overset{''}{.}83$	182
11	59.187	380	67.35	82	59.99	73	70.10	0	20.561	321	27.09	227	13.177	320	39.01	150
21	59.567	353	66.53	28	60.72	69	70.10	65	20.882	295	29.36	233	13.497	296	37.51	113
31	59.920	317	66.25	25	61.41	62	70.75	126	21.177	262	31.69	231	13.793	264	36.38	75
Febr. 10	60.237	271	66.50	76	62.03	53	72.01	181	21.439	224	34.00	225	14.057	227	35.63	35
20	60.508	219	67.26	122	62.56	42	73.82	229	21.663	182	36.25	213	14.284	186	35.28	3
März 2	60.727	165	68.48	162	62.98	31	76.11	265	21.845	141	38.38	196	14.470	142	35.31	39
12	60.892	109	70.10	193	63.29	19	78.76	290	21.986	100	40.34	178	14.612	99	35.70	69
22	61.001	56	72.03	215	63.48	7	81.66	304	22.086	61	42.12	156	14.711	60	36.39	95
31	[31] 61.057	6	74.18	226	[31] 63.55	4	84.70	306	[31] 22.147	27	43.68	134	[31] 14.771	23	37.34	114
Apr. 10	61.063	39	76.44	229	63.51	16	87.76	295	22.174	5	45.02	111	14.794	11	38.48	126
20	61.024	77	78.73	223	63.35	25	90.71	274	22.169	32	46.13	87	14.783	38	39.74	133
30	60.947	109	80.96	208	63.10	34	93.45	244	22.137	56	47.00	63	14.745	62	41.07	134
Mai 10	60.838	136	83.04	187	62.76	40	95.89	205	22.081	76	47.63	41	14.683	82	42.41	129
20	60.702	155	84.91	159	62.36	45	97.94	161	22.005	93	48.04	17	14.601	96	43.70	120
30	60.547	170	86.50	127	61.91	49	99.55	112	21.912	106	48.21	5	14.505	108	44.90	107
Juni 9	60.377	178	87.77	91	61.42	51	100.67	60	21.806	117	48.16	28	14.397	116	45.97	91
19	60.199	183	88.68	54	60.91	52	101.27	7	21.689	125	47.88	49	14.281	121	46.88	73
29	60.016	182	89.22	15	60.39	51	101.34	47	21.564	130	47.39	69	14.160	122	47.61	52
Juli 9	59.834	176	89.37	25	59.88	49	100.87	99	21.434	130	46.70	87	14.038	121	48.13	31
19	59.658	166	89.12	64	59.39	46	99.88	148	21.304	127	45.83	102	13.917	115	48.44	8
29	59.492	151	88.48	102	58.93	41	98.40	195	21.177	119	44.81	115	13.802	107	48.52	16
Aug. 8	59.341	131	87.46	138	58.52	36	96.45	237	21.058	105	43.66	123	13.695	93	48.36	39
18	59.210	107	86.08	173	58.16	30	94.08	276	20.953	85	42.43	127	13.602	75	47.97	64
28	59.103	76	84.35	205	57.86	22	91.32	308	20.868	60	41.16	126	13.527	51	47.33	90
Sept. 7	59.027	40	82.30	232	57.64	15	88.24	334	20.808	28	39.90	119	13.476	24	46.43	115
17	58.987	2	79.98	258	57.49	5	84.90	354	20.780	10	38.71	105	13.452	10	45.28	139
27	58.989	47	77.40	280	57.44	4	81.36	368	20.790	52	37.66	86	13.462	48	43.89	164
Okt. 7	59.036	97	74.60	297	57.48	14	77.68	374	20.842	98	36.80	60	13.510	90	42.25	187
17	59.133	150	71.63	306	57.62	24	73.94	370	20.940	146	36.20	30	13.600	134	40.38	207
27	59.283	203	68.57	310	57.86	36	70.24	359	21.086	194	35.90	5	13.734	179	38.31	224
Nov. 6	59.486	254	65.47	307	58.22	45	66.65	338	21.280	238	35.95	42	13.913	222	36.07	236
16	59.740	301	62.40	294	58.67	55	63.27	308	21.518	277	36.37	80	14.135	261	33.71	243
26	60.041	342	59.46	274	59.22	62	60.19	269	21.795	310	37.17	116	14.396	294	31.28	244
Dez. 6	60.383	373	56.72	246	59.84	69	57.50	222	22.105	333	38.33	151	14.690	319	28.84	236
16	60.756	393	54.26	209	60.53	74	55.28	167	22.438	344	39.84	180	15.009	334	26.48	222
26	61.149	400	52.17	165	61.27	76	53.61	106	22.782	345	41.64	204	15.343	339	24.26	201
36	61.549		50.52		62.03		52.55		23.127		43.68		15.682		22.25	
Mittl. Ort	59.500		80.68		61.05		87.75		20.135		34.32		13.237		46.01	
sec δ, tg δ	1.339		+0.890		2.939		+2.764		1.087		−0.426		1.056		+0.338	
a, *a'*	+2.9		−19.9		+2.6		−19.9		+3.2		−19.9		+3.0		−19.8	
b, *b'*	−0.06		+ 0.13		−0.18		+ 0.13		+0.03		+ 0.14		−0.02		+ 0.14	

[1]) Die jährliche Parallaxe ($0\overset{''}{.}107$) ist bereits berücksichtigt.

Tag	474) α Muscae				476) γ Centauri *m*				478) 76 Ursae maj.				481) β Crucis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$12^h\ 33^m$		−68° 48′		$12^h\ 38^m$		−48° 38′		$12^h\ 39^m$		+63° 1′		$12^h\ 44^m$		−59° 21′	
	s		″		s		″		s		″		s		″	
Jan. 1	43.56	71	36.68	160	18.898	433	11.71	189	0.83	59	36.36	94	19.740	536	58.84	165
11	44.27	66	38.28	213	19.331	412	13.60	227	1.42	57	35.42	30	20.276	511	60.49	211
21	44.93	62	40.41	257	19.743	379	15.87	257	1.99	55	35.12	33	20.787	473	62.60	251
31	45.55	54	42.98	294	20.122	337	18.44	280	2.54	49	35.45	95	21.260	423	65.11	283
Febr. 10	46.09	46	45.92	323	20.459	289	21.24	295	3.03	42	36.40	151	21.683	364	67.94	307
20	46.55	37	49.15	343	20.748	237	24.19	303	3.45	35	37.91	200	22.047	301	71.01	323
März 2	46.92	27	52.58	355	20.985	184	27.22	304	3.80	26	39.91	241	22.348	234	74.24	331
12	47.19	19	56.13	358	21.169	130	30.26	297	4.06	17	42.32	270	22.582	168	77.55	332
22	47.38	10	59.71	354	21.299	80	33.23	285	4.23	8	45.02	288	22.750	104	80.87	325
31*)	[31] 47.48	0	63.25	342	[1] 21.379	32	36.08	268	[2] 4.31	1	47.90	294	[3] 22.854	41	84.12	312
Apr. 10	47.48	8	66.67	323	21.411	13	38.76	246	4.30	8	50.84	289	22.895	18	87.24	293
20	47.40	15	69.90	298	21.398	53	41.22	220	4.22	16	53.73	273	22.877	73	90.17	268
30	47.25	23	72.88	266	21.345	90	43.42	190	4.06	22	56.46	247	22.804	123	92.85	238
Mai 10	47.02	29	75.54	230	21.255	122	45.32	157	3.84	27	58.93	214	22.681	170	95.23	205
20	46.73	35	77.84	189	21.133	150	46.89	121	3.57	31	61.07	174	22.511	210	97.28	166
30	46.38	40	79.73	143	20.983	175	48.10	83	3.26	33	62.81	129	22.301	245	98.94	124
Juni 9	45.98	44	81.16	95	20.808	195	48.93	43	2.93	36	64.10	81	22.056	274	100.18	80
19	45.54	47	82.11	44	20.613	210	49.36	2	2.57	36	64.91	31	21.782	297	100.98	34
29	45.07	48	82.55	8	20.403	219	49.38	38	2.21	37	65.22	21	21.485	311	101.32	13
Juli 9	44.59	48	82.47	59	20.184	222	49.00	77	1.84	35	65.01	71	21.174	316	101.19	60
19	44.11	47	81.88	110	19.962	217	48.23	115	1.49	33	64.30	120	20.858	311	100.59	105
29	43.64	44	80.78	156	19.745	206	47.08	149	1.16	31	63.10	166	20.547	295	99.54	147
Aug. 8	43.20	39	79.22	198	19.539	185	45.59	179	0.85	27	61.44	209	20.252	269	98.07	184
18	42.81	33	77.24	234	19.354	156	43.80	202	0.58	22	59.35	248	19.983	229	96.23	216
28	42.48	26	74.90	262	19.198	118	41.78	219	0.36	17	56.87	283	19.754	179	94.07	241
Sept. 7	42.22	16	72.28	281	19.080	70	39.59	227	0.19	12	54.04	313	19.575	117	91.66	256
17	42.06	6	69.47	289	19.010	16	37.32	227	0.07	5	50.91	335	19.458	45	89.10	262
27	42.00	6	66.58	287	18.994	44	35.05	217	0.02	3	47.56	353	19.413	33	86.48	258
Okt. 7	42.06	17	63.71	272	19.038	109	32.88	197	0.05	10	44.03	363	19.446	117	83.90	243
17	42.23	29	60.99	247	19.147	176	30.91	168	0.15	18	40.40	364	19.563	203	81.47	218
27	42.52	40	58.52	210	19.323	241	29.23	131	0.33	27	36.76	359	19.766	286	79.29	183
Nov. 6	42.92	50	56.42	165	19.564	300	27.92	88	0.60	34	33.17	343	20.052	362	77.46	139
16	43.42	59	54.77	113	19.864	353	27.04	39	0.94	42	29.74	318	20.414	429	76.07	89
26	44.01	65	53.64	55	20.217	396	26.65	13	1.36	49	26.56	284	20.843	482	75.18	34
Dez. 6	44.66	70	53.09	6	20.613	424	26.78	65	1.85	54	23.72	241	21.325	520	74.84	23
16	45.36	72	53.15	68	21.037	439	27.43	116	2.39	57	21.31	190	21.845	540	75.07	80
26	46.08	72	53.83	127	21.476	440	28.59	163	2.96	59	19.41	133	22.385	543	75.87	134
36	46.80		55.10		21.916		30.22		3.55		18.08		22.928		77.21	
Mittl. Ort	42.12		57.99		18.424		29.06		2.27		52.21		19.007		78.89	
sec δ, tg δ	2.767		−2.580		1.513		−1.136		2.205		+1.965		1.963		−1.689	
a, *a′*	+3.6		−19.8		+3.3		−19.8		+2.6		−19.8		+3.5		−19.7	
b, *b′*	+0.17		+ 0.15		+0.07		+ 0.17		−0.13		+ 0.17		+0.11		+ 0.19	

*) Bei Stern 476), 478) und 481) lies April 1.

Scheinbare Sternörter 1942

Tag	482) 150 G. Centauri AR.		482) Dekl.		483) ε Ursae maj. AR.		483) Dekl.		484) δ Virginis AR.		484) Dekl.		486) 8 Draconis AR.		486) Dekl.	
1942	$12^h\ 50^m$		$-39°\ 51'$		$12^h\ 51^m$		$+56°\ 15'$		$12^h\ 52^m$		$+3°\ 42'$		$12^h\ 53^m$		$+65°\ 44'$	
	s		"		s		"		s		"		s		"	
Jan. 1	13.126	391	34.08	188	27.711	499	73.38	125	40.464	322	44.93	203	8.56	64	54.27	106
11	13.517	375	35.96	219	28.210	490	72.13	64	40.786	311	42.90	188	9.20	63	53.21	41
21	13.892	349	38.15	242	28.700	465	71.49	3	41.097	292	41.02	166	9.83	60	52.80	23
31	14.241	314	40.57	259	29.165	425	71.46	58	41.389	264	39.36	140	10.43	55	53.03	87
Febr. 10	14.555	272	43.16	268	29.590	372	72.04	116	41.653	230	37.96	111	10.98	48	53.90	146
20	14.827	228	45.84	270	29.962	310	73.20	168	41.883	193	36.85	79	11.46	41	55.36	198
März 2	15.055	182	48.54	267	30.272	242	74.88	211	42.076	155	36.06	49	11.87	31	57.34	240
12	15.237	136	51.21	257	30.514	169	76.99	244	42.231	117	35.57	21	12.18	21	59.74	272
22	15.373	91	53.78	244	30.683	96	79.43	267	42.348	79	35.36	6	12.39	12	62.46	293
Apr. 1	15.464	51	56.22	226	30.779	27	82.10	279	42.427	46	35.42	29	12.51	2	65.39	301
10	[4] 15.515	12	58.48	204	[5] 30.806	37	84.89	279	[5] 42.473	15	35.71	47	[5] 12.53	7	68.40	299
20	15.527	23	60.52	181	30.769	96	87.68	270	42.488	13	36.18	61	12.46	15	71.39	284
30	15.504	55	62.33	153	30.673	147	90.38	250	42.475	35	36.79	71	12.31	23	74.23	260
Mai 10	15.449	82	63.86	125	30.526	189	92.88	221	42.440	56	37.50	78	12.08	29	76.83	227
20	15.367	108	65.11	94	30.337	224	95.09	187	42.384	73	38.28	81	11.79	33	79.10	188
30	15.259	130	66.05	61	30.113	250	96.96	148	42.311	87	39.09	82	11.46	37	80.98	143
Juni 9	15.129	148	66.66	28	29.863	268	98.44	103	42.224	99	39.91	79	11.09	40	82.41	95
19	14.981	163	66.94	6	29.595	279	99.47	56	42.125	108	40.70	74	10.69	42	83.36	43
29	14.818	173	66.88	39	29.316	282	100.03	8	42.017	113	41.44	68	10.27	42	83.79	9
Juli 9	14.645	178	66.49	73	29.034	278	100.11	40	41.004	116	42.12	60	9.85	41	83.70	61
19	14.467	178	65.76	103	28.756	267	99.71	87	41.788	116	42.72	49	9.44	39	83.09	111
29	14.289	171	64.73	130	28.489	249	98.84	134	41.672	110	43.21	38	9.05	36	81.98	160
Aug. 8	14.118	156	63.43	154	28.240	225	97.50	176	41.562	102	43.59	24	8.69	33	80.38	204
18	13.962	134	61.89	173	28.015	192	95.74	217	41.460	87	43.83	8	8.36	29	78.34	246
28	13.828	105	60.16	185	27.823	154	93.57	253	41.373	67	43.91	9	8.07	23	75.88	282
Sept. 7	13.723	66	58.31	190	27.669	107	91.04	285	41.306	41	43.82	29	7.84	16	73.06	313
17	13.657	21	56.41	187	27.562	53	88.19	311	41.265	9	43.53	52	7.68	9	69.93	339
27	13.636	31	54.54	176	27.509	5	85.08	333	41.256	27	43.01	75	7.59	2	66.54	357
Okt. 7	13.667	86	52.78	156	27.514	70	81.75	347	41.283	68	42.26	99	7.57	6	62.97	369
17	13.753	144	51.22	129	27.584	139	78.28	355	41.351	113	41.27	125	7.63	16	59.28	373
27	13.897	202	49.93	94	27.723	209	74.73	354	41.464	157	40.02	150	7.79	25	55.55	367
Nov. 6	14.099	258	48.99	54	27.932	277	71.19	344	41.621	201	38.52	172	8.04	34	51.88	353
16	14.357	306	48.45	9	28.209	342	67.75	326	41.822	241	36.80	191	8.38	42	48.35	330
26	14.663	345	48.36	37	28.551	400	64.49	298	42.063	275	34.89	206	8.80	50	45.05	296
Dez. 6	15.008	375	48.73	83	28.951	447	61.51	261	42.338	301	32.83	214	9.30	57	42.09	254
16	15.383	391	49.56	126	29.398	480	58.90	216	42.639	319	30.69	217	9.87	61	39.55	203
26	15.774	395	50.82	168	29.878	499	56.74	162	42.958	324	28.52	212	10.48	63	37.52	145
36	16.169		52.50		30.377		55.12		43.282		26.40		11.11		36.07	
Mittl. Ort	12.937		49.49		28.978		87.63		40.809		44.14		10.33		69.86	
sec δ, tg δ	1.303		−0.835		1.801		+1.498		1.002		+0.065		2.435		+2.220	
a, a′	+3.3		−19.6		+2.6		−19.5		+3.1		−19.5		+2.4		−19.5	
b, b′	+0.05		+ 0.22		−0.10		+ 0.22		0.00		+ 0.23		−0.14		+ 0.23	

Tag	485) α Can. ven. *sq*				488) ε Virginis				490) ϑ Virginis				492) β Comae[1]			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	12h 53m		+38° 37′		12h 59m		+11° 15′		13h 6m		−5° 13′		13h 9m		+28° 9′	
	s		"		s		"		s		"		s		"	
Jan. 1	18.215	383	42.05	163	16.857	326	72.18	200	56.285	324	42.74	205	9.321	349	71.25	187
11	18.598	374	40.42	113	17.183	317	70.18	176	56.609	315	44.79	198	9.670	342	69.38	146
21	18.972	354	39.29	60	17.500	299	68.42	147	56.924	298	46.77	187	10.012	326	67.92	101
31	19.326	322	38.69	8	17.799	272	66.95	114	57.222	272	48.64	169	10.338	300	66.91	53
Febr. 10	19.648	282	38.61	45	18.071	239	65.81	79	57.494	241	50.33	148	10.638	266	66.38	5
20	19.930	237	39.06	94	18.310	202	65.02	42	57.735	206	51.81	124	10.904	226	66.33	40
März 2	20.167	187	40.00	137	18.512	164	64.60	8	57.941	168	53.05	98	11.130	183	66.73	82
12	20.354	135	41.37	171	18.676	124	64.52	24	58.109	132	54.03	72	11.313	140	67.55	119
22	20.489	86	43.08	198	18.800	86	64.76	52	58.241	96	54.75	47	11.453	97	68.74	148
Apr. 1	20.575	38	45.06	216	18.886	52	65.28	74	58.337	62	55.22	25	11.550	57	70.22	170
	5				7				9				9			
10	20.613	6	47.22	223	18.938	19	66.02	91	58.399	32	55.47	5	11.607	18	71.92	184
20	20.607	43	49.45	222	18.957	10	66.93	103	58.431	4	55.52	13	11.625	16	73.76	190
30	20.564	77	51.67	213	18.947	34	67.96	109	58.435	20	55.39	27	11.609	45	75.66	188
Mai 10	20.487	106	53.80	196	18.913	55	69.05	111	58.415	42	55.12	39	11.564	72	77.54	179
20	20.381	129	55.76	173	18.858	74	70.16	109	58.373	60	54.73	49	11.492	93	79.33	164
30	20.252	147	57.49	145	18.784	89	71.25	103	58.313	78	54.24	55	11.399	111	80.97	145
Juni 9	20.105	160	58.94	113	18.695	101	72.28	93	58.235	91	53.69	61	11.288	126	82.42	121
19	19.945	168	60.07	77	18.594	111	73.21	82	58.144	103	53.08	65	11.162	137	83.63	94
29	19.777	173	60.84	40	18.483	117	74.03	68	58.041	112	52.43	66	11.025	144	84.57	65
Juli 9	19.604	173	61.24	2	18.366	120	74.71	52	57.929	118	51.77	66	10.881	148	85.22	34
19	19.431	168	61.26	37	18.246	121	75.23	34	57.811	120	51.11	65	10.733	147	85.56	2
29	19.263	159	60.89	74	18.125	116	75.57	17	57.691	117	50.46	61	10.586	142	85.58	30
Aug. 8	19.104	144	60.15	112	18.009	107	75.74	4	57.574	111	49.85	55	10.444	133	85.28	62
18	18.960	123	59.03	147	17.902	94	75.70	24	57.463	98	49.30	45	10.311	118	84.66	95
28	18.837	97	57.56	181	17.808	73	75.46	47	57.365	78	48.85	34	10.193	97	83.71	125
Sept. 7	18.740	66	55.75	212	17.735	49	74.99	71	57.287	54	48.51	20	10.096	69	82.46	156
17	18.674	27	53.63	240	17.686	17	74.28	94	57.233	22	48.31	1	10.027	36	80.90	184
27	18.647	17	51.23	265	17.669	20	73.34	120	57.211	15	48.30	21	9.991	3	79.06	210
Okt. 7	18.664	65	48.58	285	17.689	61	72.14	144	57.226	56	48.51	44	9.994	47	76.96	234
17	18.729	116	45.73	300	17.750	105	70.70	168	57.282	101	48.95	70	10.041	95	74.62	254
27	18.845	170	42.73	308	17.855	150	69.02	189	57.383	148	49.65	97	10.136	143	72.08	269
Nov. 6	19.015	222	39.65	310	18.005	195	67.13	207	57.531	193	50.62	125	10.279	192	69.39	278
16	19.237	271	36.55	303	18.200	237	65.06	222	57.724	234	51.87	149	10.471	239	66.61	280
26	19.508	313	33.52	288	18.437	272	62.84	231	57.958	270	53.36	172	10.710	279	63.81	275
Dez. 6	19.821	348	30.64	265	18.709	301	60.53	232	58.228	299	55.08	189	10.989	312	61.06	262
16	20.169	372	27.99	232	19.010	319	58.21	226	58.527	317	56.97	200	11.301	336	58.44	240
26	20.541	384	25.67	192	19.329	328	55.95	213	58.844	326	58.97	206	11.637	349	56.04	210
36	20.925		23.75		19.657		53.82		59.170		61.03		11.986		53.94	
Mittl. Ort	19.031		52.32		17.322		73.77		56.622		47.25		10.052		77.93	
sec δ, tg δ	1.280		+0.799		1.020		+0.199		1.004		−0.092		1.134		+0.535	
a, *a′*	+2.8		−19.5		+3.0		−19.4		+3.1		−19.2		+2.9		−19.1	
b, *b′*	−0.05		+ 0.23		−0.01		+ 0.26		+0.01		+ 0.29		−0.03		+ 0.30	

[1]) Die jährliche Parallaxe (0"133) ist bereits berücksichtigt.

Scheinbare Sternörter 1942

Tag		495) γ Hydrae AR.		495) γ Hydrae Dekl.		496) ι Centauri AR.		496) ι Centauri Dekl.	
1942		$13^h\ 15^m$		$-22°\ 51'$		$13^h\ 17^m$		$-36°\ 24'$	
		s		"		s		"	
Jan.	1	45.575	344	47.00	188	19.611	381	9.51	169
	11	45.919	336	48.88	203	19.992	372	11.20	196
	21	46.255	319	50.91	210	20.364	351	13.16	218
	31	46.574	292	53.01	212	20.715	323	15.34	234
Febr.	10	46.866	260	55.13	207	21.038	288	17.68	242
	20	47.126	224	57.20	197	21.326	249	20.10	244
März	2	47.350	187	59.17	184	21.575	207	22.54	241
	12	47.537	149	61.01	168	21.782	166	24.95	233
	22	47.686	112	62.69	150	21.948	124	27.28	221
Apr.	1	47.798	77	64.19	130	22.072	85	29.49	206
	11	11 47.875	45	65.49	110	11 22.157	48	31.55	187
	20	47.920	15	66.59	90	22.205	13	33.42	166
	30	47.935	13	67.49	70	22.218	19	35.08	144
Mai	10	47.922	37	68.19	49	22.199	49	36.52	119
	20	47.885	60	68.68	30	22.150	76	37.71	92
	30	47.825	80	68.98	10	22.074	101	38.63	65
Juni	9	47.745	98	69.08	9	21.973	122	39.28	36
	19	47.647	114	68.99	28	21.851	142	39.64	6
	29	47.533	125	68.71	47	21.709	156	39.70	23
Juli	9	47.408	134	68.24	63	21.553	167	39.47	52
	19	47.274	139	67.61	78	21.386	173	38.95	80
	29	47.135	138	66.83	92	21.213	171	38.15	105
Aug.	8	46.997	131	65.91	101	21.042	162	37.10	128
	18	46.866	118	64.90	108	20.880	147	35.82	146
	28	46.748	97	63.82	110	20.733	123	34.36	158
Sept.	7	46.651	70	62.72	107	20.610	90	32.78	165
	17	46.581	36	61.65	97	20.520	49	31.13	164
	27	46.545	5	60.68	84	20.471	2	29.49	156
Okt.	7	46.550	52	59.84	64	20.469	51	27.93	141
	17	46.602	100	59.20	38	20.520	107	26.52	117
	27	46.702	151	58.82	9	20.627	165	25.35	87
Nov.	6	46.853	201	58.73	24	20.792	221	24.48	51
	16	47.054	246	58.97	59	21.013	272	23.97	12
	26	47.300	285	59.56	93	21.285	315	23.85	30
Dez.	6	47.585	315	60.49	125	21.600	348	24.15	72
	16	47.900	335	61.74	154	21.948	371	24.87	112
	26	48.235	346	63.28	178	22.319	381	25.99	150
	36	48.581		65.06		22.700		27.49	
Mittl. Ort		45.794		57.93		19.698		24.78	
sec δ, tg δ		1.085		−0.422		1.242		−0.737	
a, *a′*		+3.3		−19.0		+3.4		−18.9	
b, *b′*		+0.03		+ 0.32		+0.05		+ 0.33	

Tag		497) ζ Ursae maj. *pr* AR.		497) ζ Ursae maj. *pr* Dekl.		498) α Virginis AR.		498) α Virginis Dekl.	
1942		$13^h\ 21^m$		$+55°\ 13'$		$13^h\ 22^m$		$-10°\ 51'$	
		s		"		s		"	
Jan.	1	34.106	479	27.34	163	7.648	328	25.99	198
	11	34.585	481	25.71	103	7.976	321	27.97	198
	21	35.066	467	24.68	41	8.297	306	29.95	194
	31	35.533	437	24.27	23	8.603	283	31.89	182
Febr.	10	35.970	394	24.50	83	8.886	253	33.71	166
	20	36.364	340	25.33	139	9.139	220	35.37	147
März	2	36.704	278	26.72	188	9.359	184	36.84	125
	12	36.982	213	28.60	228	9.543	148	38.09	102
	22	37.195	145	30.88	258	9.691	112	39.11	79
Apr.	1	37.340	77	33.46	276	9.803	80	39.90	58
	11	12 37.417	13	36.22	284	12 9.883	49	40.48	38
	20	37.430	46	39.06	281	9.932	20	40.86	19
	30	37.384	100	41.87	267	9.952	6	41.05	2
Mai	10	37.284	147	44.54	245	9.946	29	41.07	11
	20	37.137	188	46.99	215	9.917	50	40.96	24
	30	36.949	221	49.14	178	9.867	70	40.72	36
Juni	9	36.728	246	50.92	137	9.797	86	40.36	44
	19	36.482	265	52.29	92	9.711	100	39.92	53
	29	36.217	277	53.21	45	9.611	113	39.39	59
Juli	9	35.940	282	53.66	4	9.498	121	38.80	64
	19	35.658	279	53.62	52	9.377	126	38.16	68
	29	35.379	270	53.10	99	9.251	126	37.48	70
Aug.	8	35.109	253	52.11	146	9.125	121	36.78	68
	18	34.856	228	50.65	188	9.004	111	36.10	65
	28	34.628	195	48.77	229	8.893	93	35.45	58
Sept.	7	34.433	154	46.48	265	8.800	68	34.87	46
	17	34.279	106	43.83	296	8.732	38	34.41	32
	27	34.173	50	40.87	322	8.694	0	34.09	14
Okt.	7	34.123	12	37.65	343	8.694	42	33.95	8
	17	34.135	80	34.22	355	8.736	89	34.03	34
	27	34.215	151	30.67	361	8.825	136	34.37	61
Nov.	6	34.366	221	27.06	358	8.961	183	34.98	90
	16	34.587	289	23.48	344	9.144	226	35.88	118
	26	34.876	352	20.04	322	9.370	265	37.06	144
Dez.	6	35.228	405	16.82	290	9.635	296	38.50	166
	16	35.633	447	13.92	249	9.931	316	40.16	183
	26	36.080	474	11.43	199	10.247	328	41.99	196
	36	36.554		9.44		10.575		43.95	
Mittl. Ort		35.592		39.98		8.023		33.02	
sec δ, tg δ		1.753		+1.440		1.018		−0.192	
a, *a′*		+2.4		−18.8		+3.2		−18.8	
b, *b′*		−0.09		+ 0.35		+0.01		+ 0.35	

Tag	499) Grb 2001 UMin AR.	Δ	Dekl.	Δ	500) 69 H. Urs. maj. AR.	Δ	Dekl.	Δ
1942	$13^h\ 24^m$		$+72°\ 40'$		$13^h\ 26^m$		$+60°\ 14'$	
Jan. 1	36.17	83	77.61	132	17.72	54	28.33	159
11	37.00	83	76.29	66	18.26	54	26.74	98
21	37.83	82	75.63	1	18.80	52	25.76	32
31	38.65	77	75.64	67	19.32	49	25.44	31
Febr. 10	39.42	70	76.31	130	19.81	45	25.75	94
20	40.12	61	77.61	187	20.26	39	26.69	152
März 2	40.73	49	79.48	234	20.65	32	28.21	201
12	41.22	37	81.82	272	20.97	24	30.22	241
22	41.59	24	84.54	298	21.21	17	32.63	271
Apr. 1	41.83	10	87.52	312	21.38	9	35.34	290
11	[13] 41.93	2	90.64	314	[14] 21.47	1	38.24	297
20	41.91	15	93.78	305	21.48	6	41.21	292
30	41.76	26	96.83	284	21.42	12	44.13	278
Mai 10	41.50	36	99.67	254	21.30	18	46.91	253
20	41.14	45	102.21	216	21.12	22	49.44	221
30	40.69	51	104.37	172	20.90	27	51.65	183
Juni 9	40.18	57	106.09	124	20.63	30	53.48	140
19	39.61	60	107.33	72	20.33	32	54.88	92
29	39.01	63	108.05	18	20.01	33	55.80	43
Juli 9	38.38	63	108.23	36	19.68	34	56.23	8
19	37.75	61	107.87	89	19.34	34	56.15	58
29	37.14	60	106.98	141	19.00	33	55.57	108
Aug. 8	36.54	55	105.57	189	18.67	30	54.49	155
18	35.99	50	103.68	234	18.37	28	52.94	199
28	35.49	44	101.34	274	18.09	24	50.95	241
Sept. 7	35.05	35	98.60	309	17.85	20	48.54	277
17	34.70	26	95.51	338	17.65	14	45.77	309
27	34.44	16	92.13	361	17.51	8	42.68	335
Okt. 7	34.28	4	88.52	377	17.43	0	39.33	354
17	34.24	8	84.75	383	17.43	7	35.79	367
27	34.32	20	80.92	382	17.50	15	32.12	371
Nov. 6	34.52	33	77.10	371	17.65	23	28.41	366
16	34.85	46	73.39	350	17.88	31	24.75	351
26	35.31	56	69.89	319	18.19	38	21.24	326
Dez. 6	35.87	67	66.70	279	18.57	44	17.98	292
16	36.54	75	63.91	229	19.01	49	15.06	249
26	37.29	80	61.62	172	19.50	52	12.57	196
36	38.09		59.90		20.02		10.61	
Mittl. Ort	39.12		92.36		19.50		41.55	
sec δ, tg δ	3.361		+3.209		2.015		+1.749	
a, *a'*	+1.5		−18.7		+2.2		−18.6	
b, *b'*	−0.20		+ 0.36		−0.11		+ 0.37	

Tag	501) ζ Virginis AR.	Δ	Dekl.	Δ	502) 17 H. Can. ven. AR.	Δ	Dekl.	Δ
1942	$13^h\ 31^m$		$-0°\ 17'$		$13^h\ 32^m$		$+37°\ 28'$	
Jan. 1	43.573	321	56.55	203	11.444	372	36.15	198
11	43.894	317	58.58	193	11.816	373	34.17	150
21	44.211	305	60.51	176	12.189	361	32.67	98
31	44.516	283	62.27	155	12.550	339	31.69	43
Febr. 10	44.799	255	63.82	128	12.889	308	31.26	11
20	45.054	224	65.10	100	13.197	269	31.37	64
März 2	45.278	189	66.10	72	13.466	225	32.01	112
12	45.467	154	66.82	43	13.691	179	33.13	153
22	45.621	119	67.25	16	13.870	132	34.66	186
Apr. 1	45.740	86	67.41	8	14.002	86	36.52	211
11	[15] 45.826	55	67.33	27	[15] 14.088	42	38.63	226
20	45.881	26	67.06	44	14.130	2	40.89	231
30	45.907	0	66.62	57	14.132	35	43.20	229
Mai 10	45.907	23	66.05	66	14.097	67	45.49	217
20	45.884	46	65.39	72	14.030	96	47.66	198
30	45.838	64	64.67	74	13.934	120	49.64	174
Juni 9	45.774	82	63.93	75	13.814	141	51.38	145
19	45.692	97	63.18	73	13.673	157	52.83	111
29	45.595	109	62.45	70	13.516	170	53.94	76
Juli 9	45.486	119	61.75	64	13.346	177	54.70	37
19	45.367	125	61.11	58	13.169	181	55.07	2
29	45.242	126	60.53	48	12.988	178	55.05	42
Aug. 8	45.116	123	60.05	38	12.810	171	54.63	80
18	44.993	113	59.67	25	12.639	157	53.83	119
28	44.880	97	59.42	10	12.482	137	52.64	155
Sept. 7	44.783	75	59.32	7	12.345	109	51.09	191
17	44.708	46	59.39	26	12.236	74	49.18	222
27	44.662	11	59.65	49	12.162	34	46.96	251
Okt. 7	44.651	30	60.14	72	12.128	14	44.45	277
17	44.681	75	60.86	97	12.142	65	41.68	296
27	44.756	121	61.83	123	12.207	118	38.72	311
Nov. 6	44.877	168	63.06	146	12.325	174	35.61	318
16	45.045	212	64.52	169	12.499	227	32.43	317
26	45.257	251	66.21	187	12.726	275	29.26	308
Dez. 6	45.508	284	68.08	200	13.001	316	26.18	290
16	45.792	306	70.08	208	13.317	347	23.28	262
26	46.098	319	72.16	208	13.664	368	20.66	226
36	46.417		74.24		14.032		18.40	
Mittl. Ort	44.104		60.23		12.487		44.33	
sec δ, tg δ	1.000		−0.005		1.260		+0.767	
a, *a'*	+3.1		−18.5		+2.7		−18.4	
b, *b'*	0.00		+ 0.39		−0.05		+ 0.39	

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Tag	504) ε Centauri		507) τ Bootis		509) η Ursae maj.		510) 89 Virginis	
	AR.	Dekl.	AR.	Dekl.	AR.	Dekl.	AR.	Dekl.
1942	$13^h 36^m$	$-53° 9'$	$13^h 44^m$	$+17° 44'$	$13^h 45^m$	$+49° 35'$	$13^h 46^m$	$-17° 50'$
Jan. 1	$11^s.859$ 483	$59''.54$ 113	$29^s.503$ 327	$40''.61$ 213	$13^s.947$ 425	$57''.61$ 196	$42^s.419$ 335	$35''.57$ 179
11	12.342 476	60.67 157	29.830 326	38.48 184	14.372 432	55.65 141	42.754 332	37.36 187
21	12.818 457	62.24 195	30.156 317	36.64 148	14.804 424	54.24 82	43.086 321	39.23 191
31	13.275 426	64.19 227	30.473 298	35.16 109	15.228 404	53.42 20	43.407 301	41.14 188
Febr. 10	13.701 387	66.46 252	30.771 272	34.07 67	15.632 371	53.22 41	43.708 274	43.02 179
20	14.088 341	68.98 271	31.043 240	33.40 25	16.003 328	53.63 99	43.982 244	44.81 167
März 2	14.429 291	71.69 282	31.283 206	33.15 16	16.331 278	54.62 152	44.226 210	46.48 152
12	14.720 239	74.51 288	31.489 169	33.31 53	16.609 223	56.14 196	44.436 176	48.00 134
22	14.959 187	77.39 287	31.658 132	33.84 86	16.832 166	58.10 231	44.612 141	49.34 115
Apr. 1	15.146 135	80.26 280	31.790 96	34.70 113	16.998 109	60.41 257	44.753 108	50.49 95
11	16 15.281 84	83.06 268	18 31.886 62	35.83 132	18 17.107 54	62.98 270	19 44.861 77	51.44 77
20	15.365 35	85.74 253	31.948 30	37.15 146	17.161 0	65.68 275	44.938 47	52.21 60
30	15.400 11	88.27 231	31.978 1	38.61 152	17.161 48	68.43 269	44.985 18	52.81 41
Mai 10	15.389 57	90.58 206	31.979 26	40.13 153	17.113 92	71.12 253	45.003 7	53.22 26
20	15.332 99	92.64 177	31.953 50	41.66 148	17.021 130	73.65 229	44.996 33	53.48 11
30	15.233 138	94.41 144	31.903 72	43.14 138	16.891 164	75.94 198	44.963 55	53.59 4
Juni 9	15.095 174	95.85 108	31.831 91	44.52 124	16.727 192	77.92 162	44.908 77	53.55 17
19	14.921 205	96.93 70	31.740 108	45.76 106	16.535 215	79.54 122	44.831 96	53.38 30
29	14.716 231	97.63 30	31.632 121	46.82 86	16.320 231	80.76 79	44.735 113	53.08 42
Juli 9	14.485 250	97.93 11	31.511 133	47.68 63	16.089 242	81.55 33	44.622 126	52.66 54
19	14.235 262	97.82 52	31.378 139	48.31 39	15.847 247	81.88 14	44.496 135	52.12 63
29	13.973 263	97.30 92	31.239 141	48.70 14	15.600 246	81.74 60	44.361 140	51.49 71
Aug. 8	13.710 254	96.38 128	31.098 138	48.84 12	15.354 236	81.14 105	44.221 139	50.78 77
18	13.456 235	95.10 162	30.960 131	48.72 39	15.118 220	80.09 150	44.082 131	50.01 80
28	13.221 204	93.48 190	30.829 115	48.33 67	14.898 196	78.59 191	43.951 116	49.21 79
Sept. 7	13.017 162	91.58 210	30.714 94	47.66 94	14.702 164	76.68 230	43.835 93	48.42 76
17	12.855 108	89.48 223	30.620 66	46.72 123	14.538 123	74.38 264	43.742 62	47.66 66
27	12.747 44	87.25 227	30.554 30	45.49 150	14.415 76	71.74 295	43.680 26	47.00 53
Okt. 7	12.703 26	84.98 222	30.524 10	43.99 176	14.339 21	68.79 320	43.654 18	46.47 35
17	12.729 101	82.76 206	30.534 55	42.23 200	14.318 39	65.59 339	43.672 66	46.12 12
27	12.830 177	80.70 182	30.589 103	40.23 222	14.357 103	62.20 351	43.738 116	46.00 14
Nov. 6	13.007 252	78.88 148	30.692 152	38.01 239	14.460 169	58.69 354	43.854 166	46.14 42
16	13.259 321	77.40 109	30.844 199	35.62 252	14.629 233	55.15 348	44.020 214	46.56 72
26	13.580 380	76.31 63	31.043 241	33.10 257	14.862 292	51.67 333	44.234 256	47.28 101
Dez. 6	13.960 427	75.68 14	31.284 277	30.53 256	15.154 344	48.34 309	44.490 290	48.29 129
16	14.387 460	75.54 37	31.561 305	27.97 247	15.498 386	45.25 274	44.780 316	49.58 152
26	14.847 479	75.91 85	31.866 323	25.50 229	15.884 416	42.51 230	45.096 331	51.10 171
36	15.326	76.76	32.189	23.21	16.300	40.21	45.427	52.81
Mittl. Ort	11.921	79.67	30.300	42.47	15.397	67.93	42.889	45.72
sec δ, tg δ	1.668	−1.335	1.050	+0.320	1.543	+1.175	1.051	−0.322
a, *a'*	+3.8	−18.3	+2.9	−18.0	+2.4	−18.0	+3.3	−17.9
b, *b'*	+0.08	+ 0.41	−0.02	+ 0.44	−0.07	+ 0.44	+0.02	+ 0.45

Tag	512) ζ Centauri				513) η Bootis				517) 11 Bootis				516) τ Virginis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	13h 51m		−46° 59′		13h 51m		+18° 40′		13h 58m		+27° 39′		13h 58m		+1° 49′	
Jan. 1	54.279	434	53.96	110	54.474	326	73.91	217	31.631	338	53.32	221	40.813	317	31.83	204
11	54.713	433	55.06	149	54.800	328	71.74	187	31.969	342	51.11	182	41.130	318	29.79	192
21	55.146	419	56.55	182	55.128	320	69.87	151	32.311	336	49.29	138	41.448	310	27.87	174
31	55.565	395	58.37	209	55.448	302	68.36	111	32.647	320	47.91	91	41.758	294	26.13	150
Febr. 10	55.960	362	60.46	231	55.750	278	67.25	68	32.967	296	47.00	41	42.052	270	24.63	122
20	56.322	325	62.77	245	56.028	247	66.57	24	33.263	265	46.59	9	42.322	243	23.41	92
März 2	56.647	282	65.22	254	56.275	214	66.33	17	33.528	229	46.68	56	42.565	211	22.49	61
12	56.929	237	67.76	258	56.489	177	66.50	56	33.757	191	47.24	98	42.776	178	21.88	30
22	57.166	192	70.34	255	56.666	140	67.06	89	33.948	151	48.22	135	42.954	145	21.58	3
Apr. 1	57.358	148	72.89	249	56.806	104	67.95	116	34.099	113	49.57	163	43.099	113	21.55	22
11	57.506	103	75.38	237	56.910	70	69.11	137	34.212	75	51.20	184	43.212	81	21.77	44
20*)	[20] 57.609	61	77.75	223	[20] 56.980	38	70.48	151	[22] 34.287	39	53.04	197	[22] 43.293	52	22.21	60
30	57.670	19	79.98	204	57.018	8	71.99	158	34.326	6	55.01	201	43.345	25	22.81	72
Mai 10	57.689	20	82.02	182	57.026	20	73.57	159	34.332	25	57.02	198	43.370	1	23.53	81
20	57.669	59	83.84	156	57.006	45	75.16	153	34.307	53	59.00	188	43.369	26	24.34	86
30	57.610	95	85.40	128	56.961	67	76.69	143	34.254	78	60.88	173	43.343	47	25.20	87
Juni 9	57.515	129	86.68	97	56.894	88	78.12	128	34.176	101	62.61	151	43.296	69	26.07	85
19	57.386	159	87.65	64	56.806	106	79.40	110	34.075	121	64.12	126	43.227	87	26.92	80
29	57.227	185	88.29	29	56.700	121	80.50	89	33.954	137	65.38	98	43.140	104	27.72	75
Juli 9	57.042	205	88.58	7	56.579	133	81.39	66	33.817	150	66.36	67	43.036	118	28.47	67
19	56.837	220	88.51	42	56.446	141	82.05	40	33.667	158	67.03	35	42.918	128	29.14	57
29	56.617	225	88.09	78	56.305	144	82.45	15	33.509	163	67.38	1	42.790	133	29.71	45
Aug. 8	56.392	223	87.31	110	56.161	142	82.60	13	33.346	161	67.39	33	42.657	133	30.16	33
18	56.169	210	86.21	139	56.019	136	82.47	41	33.185	153	67.06	67	42.524	128	30.49	18
28	55.959	187	84.82	164	55.883	121	82.06	69	33.032	140	66.39	101	42.396	116	30.67	2
Sept. 7	55.772	153	83.18	183	55.762	101	81.37	98	32.892	118	65.38	135	42.280	97	30.69	17
17	55.619	109	81.35	194	55.661	72	80.39	127	32.774	89	64.03	167	42.183	70	30.52	37
27	55.510	55	79.41	198	55.589	38	79.12	154	32.685	53	62.36	197	42.113	37	30.15	59
Okt. 7	55.455	6	77.43	193	55.551	2	77.58	181	32.632	11	60.39	225	42.076	3	29.56	82
17	55.461	72	75.50	179	55.553	48	75.77	206	32.621	36	58.14	249	42.079	47	28.74	107
27	55.533	141	73.71	156	55.601	96	73.71	227	32.657	86	55.65	270	42.126	95	27.67	131
Nov. 6	55.674	209	72.15	126	55.697	145	71.44	245	32.743	138	52.95	284	42.221	143	26.36	155
16	55.883	273	70.89	90	55.842	193	68.99	257	32.881	189	50.11	292	42.364	189	24.81	176
26	56.156	329	69.99	48	56.035	236	66.42	263	33.070	235	47.19	293	42.553	231	23.05	192
Dez. 6	56.485	375	69.51	3	56.271	273	63.79	261	33.305	276	44.26	285	42.784	266	21.13	205
16	56.860	408	69.48	41	56.544	302	61.18	252	33.581	309	41.41	268	43.050	294	19.08	211
26	57.268	429	69.89	86	56.846	321	58.66	234	33.890	331	38.73	243	43.344	313	16.97	210
36	57.697		70.75		57.167		56.32		34.221		36.30		43.657		14.87	
Mittl. Ort	54.572		72.86		55.322		75.76		32.644		57.55		41.516		27.93	
sec δ, tg δ	1.466		−1.073		1.056		+0.338		1.129		+0.524		1.001		+0.032	
a, *a′*	+3.7		−17.7		+2.9		−17.7		+2.7		−17.4		+3.1		−17.4	
b, *b′*	+0.06		+ 0.47		−0.02		+ 0.47		−0.03		+ 0.49		0.00		+ 0.50	

*) Bei Stern 517) und 516) lies April 21.

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Tag	518) β Centauri AR.		518) β Centauri Dekl.		521) α Draconis AR.		521) α Draconis Dekl.		520) ϑ Centauri AR.		520) ϑ Centauri Dekl.		522) 12 *d* Bootis AR.		522) 12 *d* Bootis Dekl.	
1942	13h 59m		−60° 5′		14h 2m		+64° 38′		14h 3m		−36° 4′		14h 7m		+25° 21′	
Jan. 1	42.36	56	17.02	65	46.54	57	57.49	195	15.166	377	51.64	128	44.151	331	53.21	225
11	42.92	57	17.67	114	47.11	60	55.54	134	15.543	379	52.92	156	44.482	336	50.96	190
21	43.49	54	18.81	158	47.71	60	54.20	69	15.922	368	54.48	179	44.818	332	49.06	148
31	44.03	52	20.39	198	48.31	58	53.51	1	16.290	349	56.27	197	45.150	317	47.58	102
Febr. 10	44.55	49	22.37	230	48.89	54	53.50	65	16.639	323	58.24	207	45.467	296	46.56	54
20	45.04	43	24.67	258	49.43	49	54.15	126	16.962	291	60.31	214	45.763	267	46.02	5
März 2	45.47	38	27.25	277	49.92	42	55.41	182	17.253	256	62.45	215	46.030	233	45.97	42
12	45.85	33	30.02	290	50.34	35	57.23	230	17.509	218	64.60	211	46.263	197	46.39	85
22	46.18	26	32.92	297	50.69	26	59.53	266	17.727	181	66.71	203	46.460	159	47.24	121
Apr. 1	46.44	20	35.89	298	50.95	17	62.19	293	17.908	143	68.74	194	46.619	121	48.45	151
11	46.64	15	38.87	292	51.12	8	65.12	307	18.051	107	70.68	180	46.740	85	49.96	173
21	[22] 46.79	8	41.79	282	[23] 51.20	0	68.19	309	[23] 18.158	71	72.48	165	[24] 46.825	51	51.69	187
30	46.87	2	44.61	266	51.20	8	71.28	300	18.229	36	74.13	147	46.876	17	53.56	194
Mai 10	46.89	4	47.27	245	51.12	16	74.28	282	18.265	3	75.60	129	46.893	13	55.50	193
20	46.85	9	49.72	218	50.96	23	77.10	255	18.268	29	76.89	108	46.880	41	57.43	185
30	46.76	14	51.90	188	50.73	28	79.65	219	18.239	60	77.97	85	46.839	68	59.28	171
Juni 9	46.62	20	53.78	153	50.45	33	81.84	177	18.179	89	78.82	61	46.771	91	60.99	152
19	46.42	24	55.31	114	50.12	37	83.61	131	18.090	116	79.43	37	46.680	112	62.51	130
29	46.18	28	56.45	72	49.75	40	84.92	82	17.974	139	79.80	10	46.568	129	63.81	103
Juli 9	45.90	31	57.17	28	49.35	42	85.74	30	17.835	159	79.90	17	46.439	144	64.84	74
19	45.59	33	57.45	17	48.93	43	86.04	21	17.676	173	79.73	43	46.295	155	65.58	43
29	45.26	33	57.28	61	48.50	43	85.83	74	17.503	182	79.30	68	46.140	160	66.01	11
Aug. 8	44.93	33	56.67	104	48.07	41	85.09	125	17.321	183	78.62	91	45.980	160	66.12	22
18	44.60	32	55.63	144	47.66	39	83.84	173	17.138	175	77.71	112	45.820	155	65.90	54
28	44.28	29	54.19	180	47.27	36	82.11	218	16.963	159	76.59	129	45.665	143	65.36	88
Sept. 7	43.99	24	52.39	209	46.91	31	79.93	260	16.804	133	75.30	139	45.522	122	64.48	121
17	43.75	17	50.30	230	46.60	25	77.33	296	16.671	98	73.91	145	45.400	95	63.27	152
27	43.58	11	48.00	243	46.35	19	74.37	327	16.573	54	72.46	145	45.305	61	61.75	183
Okt. 7	43.47	2	45.57	246	46.16	11	71.10	353	16.519	4	71.01	136	45.244	20	59.92	212
17	43.45	7	43.11	239	46.05	2	67.57	371	16.515	53	69.65	120	45.224	27	57.80	236
27	43.52	16	40.72	221	46.03	7	63.86	380	16.568	112	68.45	98	45.251	77	55.44	258
Nov. 6	43.68	25	38.51	194	46.10	16	60.06	380	16.680	171	67.47	70	45.328	128	52.86	275
16	43.93	33	36.57	158	46.26	26	56.26	371	16.851	227	66.77	37	45.456	178	50.11	285
26	44.26	41	34.99	116	46.52	35	52.55	352	17.078	278	66.40	0	45.634	225	47.26	287
Dez. 6	44.67	48	33.83	67	46.87	43	49.03	321	17.356	320	66.40	37	45.859	266	44.39	283
16	45.15	52	33.16	16	47.30	50	45.82	281	17.676	351	66.77	74	46.125	300	41.56	268
26	45.67	55	33.00	35	47.80	55	43.01	232	18.027	371	67.51	110	46.425	323	38.88	246
36	46.22		33.35		48.35		40.69		18.398		68.61		46.748		36.42	
Mittl. Ort	42.65		38.87		48.97		69.21		15.631		67.78		45.177		56.35	
sec δ, tg δ	2.006		−1.739		2.336		+2.111		1.237		−0.729		1.107		+0.474	
a, a′	+4.2		−17.4		+1.6		−17.2		+3.6		−17.2		+2.7		−17.0	
b, b′	+0.10		+ 0.50		−0.12		+ 0.51		+0.04		+ 0.51		−0.03		+ 0.53	

Tag	524) 4 Ursae min.				523) κ Virginis				525) ι Virginis				526) α Bootis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	14h 8m		+77° 48′		14h 9m		−10° 0′		14h 12m		−5° 43′		14h 12m		+19° 28′	
Jan. 1	57.45s	104	59.63″	179	47.178s	321	8.59″	182	57.449s	316	21.68″	191	59.901s	318	59.81″	229
11	58.49	111	57.84	115	47.499	323	10.41	184	57.765	320	23.59	187	60.219	324	57.52	200
21	59.60	112	56.69	49	47.822	317	12.25	178	58.085	314	25.46	178	60.543	321	55.52	163
31	60.72	110	56.20	19	48.139	301	14.03	167	58.399	299	27.24	163	60.864	307	53.89	123
Febr. 10	61.82	105	56.39	85	48.440	280	15.70	152	58.698	279	28.87	142	61.171	287	52.66	79
20	62.87	95	57.24	148	48.720	253	17.22	133	58.977	252	30.29	119	61.458	259	51.87	34
März 2	63.82	82	58.72	203	48.973	222	18.55	111	59.229	223	31.48	94	61.717	228	51.53	10
12	64.64	67	60.75	248	49.195	192	19.66	89	59.452	192	32.42	69	61.945	194	51.63	50
22	65.31	49	63.23	283	49.387	159	20.55	66	59.644	160	33.11	44	62.139	158	52.13	86
Apr. 1	65.80	32	66.06	307	49.546	128	21.21	45	59.804	129	33.55	21	62.297	124	52.99	115
11	66.12	13	69.13	319	49.674	97	21.66	25	59.933	98	33.76	1	62.421	89	54.14	138
21	66.25	5	72.32	318	49.771	68	21.91	9	60.031	69	33.77	16	62.510	57	55.52	154
30	[34] 66.20	23	75.50	306	[25] 49.839	40	22.00	7	[25] 60.100	42	33.61	31	[25] 62.567	25	57.06	163
Mai 10	65.97	40	78.56	285	49.879	13	21.93	19	60.142	15	33.30	41	62.592	4	58.69	165
20	65.57	53	81.41	253	49.892	13	21.74	29	60.157	11	32.89	50	62.588	31	60.34	160
30	65.04	67	83.94	214	49.879	37	21.45	38	60.146	36	32.39	56	62.557	56	61.94	151
Juni 9	64.37	77	86.08	170	49.842	60	21.07	44	60.110	58	31.83	59	62.501	80	63.45	136
19	63.60	85	87.78	121	49.782	81	20.63	50	60.052	79	31.24	61	62.421	101	64.81	118
29	62.75	91	88.99	69	49.701	100	20.13	54	59.973	99	30.63	61	62.320	120	65.99	96
Juli 9	61.84	95	89.68	15	49.601	117	19.59	56	59.874	115	30.02	59	62.200	134	66.95	72
19	60.89	97	89.83	40	49.484	130	19.03	57	59.759	128	29.43	57	62.066	146	67.67	46
29	59.92	95	89.43	92	49.354	137	18.46	58	59.631	136	28.86	53	61.920	154	68.13	18
Aug. 8	58.97	93	88.51	144	49.217	140	17.88	57	59.495	139	28.33	47	61.766	155	68.31	9
18	58.04	88	87.07	193	49.077	136	17.31	52	59.356	136	27.86	38	61.611	150	68.22	39
28	57.16	80	85.14	238	48.941	125	16.79	46	59.220	125	27.48	29	61.461	139	67.83	69
Sept. 7	56.36	71	82.76	278	48.816	106	16.33	36	59.095	107	27.19	16	61.322	122	67.14	99
17	55.65	59	79.98	314	48.710	80	15.97	24	58.988	82	27.03	1	61.200	95	66.15	128
27	55.06	47	76.84	343	48.630	46	15.73	9	58.906	49	27.02	16	61.105	62	64.87	157
Okt. 7	54.59	31	73.41	365	48.584	5	15.64	11	58.857	9	27.18	38	61.043	23	63.30	185
17	54.28	14	69.76	379	48.579	40	15.75	33	58.848	36	27.56	60	61.020	23	61.45	211
27	54.14	3	65.97	386	48.619	89	16.08	57	58.884	84	28.16	85	61.043	71	59.34	233
Nov. 6	54.17	21	62.11	383	48.708	138	16.65	83	58.968	132	29.01	109	61.114	121	57.01	252
16	54.38	39	58.28	370	48.846	186	17.48	108	59.100	180	30.10	133	61.235	170	54.49	266
26	54.77	57	54.58	346	49.032	230	18.56	132	59.280	224	31.43	154	61.405	215	51.83	273
Dez. 6	55.34	73	51.12	313	49.262	267	19.88	152	59.504	261	32.97	172	61.620	256	49.10	272
16	56.07	88	47.99	270	49.529	296	21.40	169	59.765	290	34.69	185	61.876	289	46.38	263
26	56.95	99	45.29	217	49.825	315	23.09	181	60.055	311	36.54	192	62.165	311	43.75	246
36	57.94		43.12		50.140		24.90		60.366		38.46		62.476		41.29	
Mittl. Ort	62.44		72.03		47.848		16.75		58.168		28.52		60.870		60.99	
sec δ, tg δ	4.740		+4.633		1.015		−0.176		1.005		−0.100		1.061		+0.354	
a, *a′*	−0.2		−16.9		+3.2		−16.9		+3.1		−16.8		+2.8		−16.8	
b, *b′*	−0.26		+ 0.53		+0.01		+ 0.54		+0.01		+ 0.55		−0.02		+ 0.55	

Scheinbare Sternörter 1942

Tag	527) λ Bootis				531) ϑ Bootis			
	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ
1942	14h 14m		+46° 20′		14h 23m		+52° 6′	
	s		″		s		″	
Jan. 1	9.209	391	66.24	227	11.484	419	56.87	233
11	9.600	404	63.97	176	11.903	437	54.54	179
21	10.004	404	62.21	118	12.340	442	52.75	119
31	10.408	392	61.03	58	12.782	432	51.56	56
Febr. 10	10.800	368	60.45	4	13.214	409	51.00	8
20	11.168	334	60.49	64	13.623	375	51.08	71
März 2	11.502	293	61.13	118	13.998	331	51.79	128
12	11.795	246	62.31	168	14.329	280	53.07	180
22	12.041	196	63.99	209	14.609	225	54.87	222
Apr. 1	12.237	144	66.08	240	14.834	168	57.09	254
11	12.381	94	68.48	261	15.002	109	59.63	276
21	26 12.475	44	71.09	272	28 15.111	52	62.39	287
30	12.519	4	73.81	272	15.163	3	65.26	288
Mai 10	12.515	47	76.53	263	15.160	54	68.14	278
20	12.468	87	79.16	245	15.106	101	70.92	259
30	12.381	123	81.61	220	15.005	145	73.51	232
Juni 9	12.258	155	83.81	189	14.860	182	75.83	199
19	12.103	183	85.70	152	14.678	215	77.82	161
29	11.920	205	87.22	111	14.463	242	79.43	117
Juli 9	11.715	223	88.33	69	14.221	262	80.60	71
19	11.492	234	89.02	24	13.959	276	81.31	24
29	11.258	239	89.26	22	13.683	284	81.55	24
Aug. 8	11.019	238	89.04	68	13.399	283	81.31	73
18	10.781	229	88.36	112	13.116	273	80.58	120
28	10.552	211	87.24	156	12.843	255	79.38	166
Sept. 7	10.341	186	85.68	197	12.588	228	77.72	208
17	10.155	152	83.71	234	12.360	191	75.64	248
27	10.003	110	81.37	269	12.169	145	73.16	284
Okt. 7	9.893	59	78.68	298	12.024	91	70.32	314
17	9.834	4	75.70	322	11.933	29	67.18	339
27	9.830	58	72.48	340	11.904	38	63.79	356
Nov. 6	9.888	122	69.08	350	11.942	108	60.23	365
16	10.010	184	65.58	350	12.050	178	56.58	366
26	10.194	244	62.08	342	12.228	246	52.92	355
Dez. 6	10.438	299	58.66	324	12.474	308	49.37	336
16	10.737	344	55.42	296	12.782	360	46.01	306
26	11.081	377	52.46	257	13.142	402	42.95	265
36	11.458		49.89		13.544		40.30	
Mittl. Ort	10.734		74.27		13.280		65.47	
sec δ, tg δ	1.449		+1.048		1.629		+1.285	
a, *a′*	+2.3		−16.7		+2.1		−16.3	
b, *b′*	−0.06		+ 0.55		−0.07		+ 0.59	

Tag	534) ρ Bootis				535) γ Bootis			
	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ
1942	14h 29m		+30° 37′		14h 29m		+38° 33′	
	s		″		s		″	
Jan. 1	18.542	330	27.13	238	43.126	350	34.74	241
11	18.872	342	24.75	200	43.476	365	32.33	197
21	19.214	343	22.75	155	43.841	367	30.36	145
31	19.557	333	21.20	104	44.208	358	28.91	89
Febr. 10	19.890	315	20.16	52	44.566	339	28.02	31
20	20.205	289	19.64	1	44.905	312	27.71	26
März 2	20.494	258	19.65	53	45.217	277	27.97	81
12	20.752	222	20.18	100	45.494	239	28.78	130
22	20.974	185	21.18	140	45.733	197	30.08	173
Apr. 1	21.159	146	22.58	173	45.930	154	31.81	207
11	21.305	108	24.31	198	46.084	111	33.88	231
21	30 21.413	71	26.29	215	30 46.195	68	36.19	247
30	21.484	35	28.44	222	46.263	27	38.66	253
Mai 10	21.519	0	30.66	222	46.290	12	41.19	249
20	21.519	31	32.88	214	46.278	47	43.68	237
30	21.488	62	35.02	198	46.231	81	46.05	218
Juni 9	21.426	90	37.00	178	46.150	112	48.23	193
19	21.336	114	38.78	152	46.038	140	50.16	162
29	21.222	136	40.30	122	45.898	162	51.78	127
Juli 9	21.086	155	41.52	90	45.736	182	53.05	89
19	20.931	170	42.42	55	45.554	197	53.94	48
29	20.761	178	42.97	18	45.357	206	54.42	8
Aug. 8	20.583	182	43.15	18	45.151	208	54.50	35
18	20.401	179	42.97	56	44.943	204	54.15	77
28	20.222	169	42.41	93	44.739	193	53.38	118
Sept. 7	20.053	150	41.48	130	44.546	172	52.20	158
17	19.903	125	40.18	165	44.374	144	50.62	196
27	19.778	92	38.53	198	44.230	108	48.66	231
Okt. 7	19.686	50	36.55	229	44.122	65	46.35	262
17	19.636	3	34.26	256	44.057	13	43.73	290
27	19.633	48	31.70	278	44.044	42	40.83	311
Nov. 6	19.681	102	28.92	296	44.086	99	37.72	325
16	19.783	156	25.96	306	44.185	157	34.47	333
26	19.939	206	22.90	308	44.342	213	31.14	331
Dez. 6	20.145	253	19.82	301	44.555	263	27.83	319
16	20.398	291	16.81	286	44.818	305	24.64	298
26	20.689	319	13.95	262	45.123	338	21.66	268
36	21.008		11.33		45.461		18.98	
Mittl. Ort	19.764		30.66		44.517		40.19	
sec δ, tg δ	1.162		+0.592		1.279		+0.797	
a, *a′*	+2.6		−15.9		+2.4		−15.9	
b, *b′*	−0.03		+ 0.61		−0.04		+ 0.61	

Tag	537) η Centauri AR.		537) η Centauri Dekl.		538) α Centauri[1]) AR.		538) α Centauri[1]) Dekl.		543) ζ Bootis *m* AR.		543) ζ Bootis *m* Dekl.		545) μ Virginis AR.		545) μ Virginis Dekl.	
1942	$14^h\ 31^m$		$-41°\ 53'$		$14^h\ 35^m$		$-60°\ 35'$		$14^h\ 38^m$		$+13°\ 58'$		$14^h\ 39^m$		$-5°\ 24'$	
Jan. 1	48.147	397	57.19	81	37.99	56	31.33	25	21.595	306	35.59	225	59.120	307	18.22	184
11	48.544	405	58.00	115	38.55	56	31.58	72	21.901	316	33.34	201	59.427	316	20.06	182
21	48.949	401	59.15	144	39.11	56	32.30	118	22.217	317	31.33	171	59.743	315	21.88	172
31	49.350	388	60.59	168	39.67	54	33.48	158	22.534	308	29.62	136	60.058	306	23.60	156
Febr. 10	49.738	365	62.27	186	40.21	51	35.06	193	22.842	292	28.26	97	60.364	289	25.16	137
20	50.103	337	64.13	200	40.72	46	36.99	223	23.134	269	27.29	56	60.653	267	26.53	114
März 2	50.440	304	66.13	209	41.18	42	39.22	246	23.403	242	26.73	14	60.920	241	27.67	88
12	50.744	269	68.22	212	41.60	37	41.68	263	23.645	213	26.59	25	61.161	213	28.55	62
22	51.013	230	70.34	212	41.97	31	44.31	274	23.858	181	26.84	60	61.374	185	29.17	38
Apr. 1	51.243	192	72.46	207	42.28	25	47.05	280	24.039	149	27.44	91	61.559	154	29.55	14
11	51.435	154	74.53	200	42.53	19	49.85	280	24.188	117	28.35	115	61.713	125	29.69	6
21	30 51.589	114	76.53	190	42.72	13	52.65	274	24.305	86	29.50	135	61.838	96	29.63	23
30*)	51.703	76	78.43	177	1 42.85	6	55.39	264	2 24.391	56	30.85	146	2 61.934	68	29.40	37
Mai 10	51.779	38	80.20	161	42.91	1	58.03	248	24.447	27	32.31	152	62.002	39	29.03	48
20	51.817	1	81.81	143	42.92	6	60.51	227	24.474	2	33.83	152	62.041	13	28.55	56
30	51.816	38	83.24	122	42.86	12	62.78	201	24.472	29	35.35	146	62.054	15	27.99	60
Juni 9	51.778	75	84.46	99	42.74	17	64.79	171	24.443	55	36.81	137	62.039	41	27.39	63
19	51.703	108	85.45	73	42.57	23	66.50	137	24.388	79	38.18	123	61.998	65	26.76	63
29	51.595	140	86.18	45	42.34	27	67.87	98	24.309	101	39.41	106	61.933	88	26.13	62
Juli 9	51.455	167	86.63	16	42.07	31	68.85	58	24.208	121	40.47	87	61.845	109	25.51	60
19	51.288	189	86.79	13	41.76	34	69.43	15	24.087	136	41.34	65	61.736	126	24.91	55
29	51.099	204	86.66	43	41.42	36	69.58	29	23.951	148	41.99	42	61.610	138	24.36	51
Aug. 8	50.895	211	86.23	72	41.06	36	69.29	73	23.803	153	42.41	18	61.472	146	23.85	44
18	50.684	208	85.51	99	40.70	35	68.56	113	23.650	154	42.59	8	61.326	146	23.41	36
28	50.476	195	84.52	122	40.35	34	67.43	152	23.496	147	42.51	35	61.180	140	23.05	25
Sept. 7	50.281	173	83.30	141	40.01	29	65.91	185	23.349	132	42.16	61	61.040	126	22.80	14
17	50.108	138	81.89	155	39.72	23	64.06	211	23.217	110	41.55	89	60.914	103	22.66	1
27	49.970	93	80.34	162	39.49	17	61.95	230	23.107	79	40.66	116	60.811	72	22.67	18
Okt. 7	49.877	41	78.72	161	39.32	9	59.65	240	23.028	42	39.50	144	60.739	35	22.85	37
17	49.836	19	77.11	153	39.23	0	57.25	240	22.986	1	38.06	171	60.704	9	23.22	59
27	49.855	83	75.58	138	39.23	10	54.85	229	22.987	49	36.35	194	60.713	57	23.81	82
Nov. 6	49.938	148	74.20	115	39.33	19	52.56	209	23.036	98	34.41	216	60.770	106	24.63	105
16	50.086	212	73.05	86	39.52	28	50.47	180	23.134	148	32.25	233	60.876	155	25.68	127
26	50.298	269	72.19	52	39.80	37	48.67	143	23.282	195	29.92	245	61.031	201	26.95	149
Dez. 6	50.567	319	71.67	15	40.17	44	47.24	100	23.477	236	27.47	250	61.232	242	28.44	166
16	50.886	359	71.52	23	40.61	49	46.24	53	23.713	271	24.97	247	61.474	275	30.10	178
26	51.245	386	71.75	61	41.10	53	45.71	3	23.984	296	22.50	237	61.749	299	31.88	186
36	51.631		72.36		41.63		45.68		24.280		20.13		62.048		33.74	
Mittl. Ort	48.835		75.09		38.72		53.35		22.623		34.08		59.989		25.66	
sec δ, tg δ	1.344		−0.897		2.037		−1.775		1.030		+0.249		1.004		−0.095	
a, *a′*	+3.8		−15.8		+4.6		−15.6		+2.9		−15.4		+3.2		−15.4	
b, *b′*	+0.05		+ 0.62		+0.09		+ 0.63		−0.01		+ 0.64		0.00		+ 0.64	

[1]) Ort des helleren Sterns. Die jährliche Parallaxe (0″758) ist bereits berücksichtigt.

*) Bei Stern 538), 543) und 545) lies Mai 1.

Scheinbare Sternörter 1942

Tag	542) α Apodis				547) 109 Virginis				548) α^2 Librae				549) Grb 2164 Drac			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$14^h\ 40^m$		−78° 47′		$14^h\ 43^m$		+2° 8′		$14^h\ 47^m$		−15° 47′		$14^h\ 49^m$		+59° 31′	
	s		"		s		"		s		"		s		"	
Jan. 1	31.81	126	39.01	46	17.885	302	15.60	201	39.039	315	56.13	151	55.473	456	36.72	252
11	33.07	132	38.55	11	18.187	312	13.59	190	39.354	325	57.64	160	55.929	490	34.20	197
21	34.39	132	38.66	66	18.499	312	11.69	173	39.679	325	59.24	161	56.419	508	32.23	137
31	35.71	130	39.32	119	18.811	303	9.96	150	40.004	316	60.85	158	56.927	509	30.86	71
Febr. 10	37.01	125	40.51	168	19.114	288	8.46	122	40.320	300	62.43	149	57.436	492	30.15	4
20	38.26	117	42.19	211	19.402	266	7.24	91	40.620	280	63.92	137	57.928	462	30.11	62
März 2	39.43	107	44.30	248	19.668	241	6.33	60	40.900	254	65.29	121	58.390	419	30.73	124
12	40.50	94	46.78	280	19.909	214	5.73	28	41.154	226	66.50	104	58.809	364	31.97	179
22	41.44	81	49.58	304	20.123	184	5.45	2	41.380	198	67.54	87	59.173	302	33.76	227
Apr. 1	42.25	66	52.62	321	20.307	154	5.47	28	41.578	169	68.41	68	59.475	235	36.03	264
11	42.91	51	55.83	332	20.461	125	5.75	51	41.747	138	69.09	52	59.710	165	38.67	291
21	43.42	34	59.15	336	20.586	95	6.26	68	41.885	109	69.61	37	59.875	94	41.58	305
Mai 1	2 43.76	17	62.51	333	3 20.681	67	6.94	83	4 41.994	80	69.98	22	5 59.969	25	44.63	309
10	43.93	1	65.84	322	20.748	38	7.77	91	42.074	51	70.20	11	59.994	43	47.72	303
20	43.94	16	69.06	304	20.786	11	8.68	97	42.125	22	70.31	0	59.951	105	50.75	286
30	43.78	33	72.10	279	20.797	16	9.65	97	42.147	6	70.31	9	59.846	164	53.61	260
Juni 9	43.45	49	74.89	249	20.781	42	10.62	95	42.141	35	70.22	18	59.682	216	56.21	228
19	42.96	62	77.38	211	20.739	66	11.57	90	42.106	62	70.04	25	59.466	263	58.49	190
29	42.34	75	79.49	168	20.673	90	12.47	83	42.044	88	69.79	32	59.203	301	60.39	145
Juli 9	41.59	86	81.17	120	20.583	110	13.30	73	41.956	110	69.47	38	58.902	334	61.84	98
19	40.73	93	82.37	70	20.473	126	14.03	62	41.846	130	69.09	44	58.568	356	62.82	48
29	39.80	99	83.07	16	20.347	140	14.65	50	41.716	144	68.65	49	58.212	371	63.30	3
Aug. 8	38.81	99	83.23	39	20.207	147	15.15	36	41.572	153	68.16	52	57.841	375	63.27	54
18	37.82	98	82.84	93	20.060	148	15.51	20	41.419	155	67.64	54	57.466	370	62.73	105
28	36.84	91	81.91	144	19.912	143	15.71	4	41.264	150	67.10	54	57.096	354	61.68	153
Sept. 7	35.93	82	80.47	190	19.769	128	15.75	14	41.114	135	66.56	51	56.742	326	60.15	200
17	35.11	68	78.57	231	19.641	107	15.61	35	40.979	113	66.05	45	56.416	287	58.15	243
27	34.43	51	76.26	262	19.534	77	15.26	55	40.866	81	65.60	35	56.129	236	55.72	282
Okt. 7	33.92	32	73.64	285	19.457	41	14.71	79	40.785	42	65.25	22	55.893	176	52.90	315
17	33.60	10	70.79	295	19.416	2	13.92	102	40.743	4	65.03	4	55.717	106	49.75	343
27	33.50	12	67.84	295	19.418	50	12.90	126	40.747	53	64.99	15	55.611	28	46.32	364
Nov. 6	33.62	35	64.89	283	19.468	99	11.64	149	40.800	104	65.14	39	55.583	54	42.68	376
16	33.97	57	62.06	259	19.567	147	10.15	169	40.904	156	65.53	63	55.637	139	38.92	378
26	34.54	77	59.47	225	19.714	194	8.46	187	41.060	204	66.16	87	55.776	222	35.14	371
Dez. 6	35.31	95	57.22	182	19.908	234	6.59	200	41.264	246	67.03	110	55.998	301	31.43	353
16	36.26	110	55.40	133	20.142	268	4.59	207	41.510	281	68.13	130	56.299	371	27.90	324
26	37.36	121	54.07	79	20.410	294	2.52	207	41.791	306	69.43	147	56.670	430	24.66	284
36	38.57		53.28		20.704		0.45		42.097		70.90		57.100		21.82	
Mittl. Ort	33.45		63.21		18.825		10.38		39.896		66.86		57.844		44.71	
sec δ, tg δ	5.149		−5.051		1.001		+0.037		1.039		−0.283		1.972		+1.700	
a, *a*′	+7.4		−15.3		+3.0		−15.2		+3.3		−14.9		+1.5		−14.8	
b, *b*′	+0.26		+ 0.64		0.00		+ 0.65		+0.01		+ 0.67		−0.08		+ 0.68	

Tag	550) β Ursae min.				551) Pi XIV 221 Boot				552) β Lupi				555) β Bootis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	14h 50m		+74° 23′		14h 53m		+14° 40′		14h 54m		−42° 53′		14h 59m		+40° 36′	
Jan. 1	s 46.61	77	″ 23.96	234	s 27.738	299	″ 48.66	228	s 42.443	393	″ 47.68	54	s 44.007	337	″ 62.26	264
11	47.38	83	21.62	177	28.037	312	46.38	206	42.836	407	48.22	87	44.344	359	59.62	220
21	48.21	88	19.85	113	28.349	316	44.32	175	43.243	408	49.09	117	44.703	369	57.42	169
31	49.09	89	18.72	45	28.665	309	42.57	140	43.651	400	50.26	143	45.072	367	55.73	113
Febr. 10	49.98	86	18.27	23	28.974	296	41.17	100	44.051	383	51.69	163	45.439	356	54.60	53
20	50.84	82	18.50	89	29.270	276	40.17	58	44.434	358	53.32	180	45.795	335	54.07	6
März 2	51.66	75	19.39	151	29.546	252	39.59	15	44.792	330	55.12	190	46.130	305	54.13	65
12	52.41	64	20.90	206	29.798	224	39.44	24	45.122	296	57.02	197	46.435	271	54.78	119
22	53.05	52	22.96	251	30.022	194	39.68	62	45.418	261	58.99	199	46.706	232	55.97	165
Apr. 1	53.57	40	25.47	285	30.216	163	40.30	94	45.679	225	60.98	199	46.938	191	57.62	205
11	53.97	25	28.32	308	30.379	132	41.24	120	45.904	186	62.97	195	47.129	147	59.67	234
21	54.22	12	31.40	320	30.511	100	42.44	140	46.090	148	64.92	188	47.276	104	62.01	255
Mai 1	54.34	3	34.60	320	30.611	70	43.84	153	46.238	108	66.80	178	47.380	61	64.56	265
10	[5]54.31	16	37.80	308	[6]30.681	40	45.37	159	[6]46.346	67	68.58	167	[7]47.441	19	67.21	266
20	54.15	29	40.88	287	30.721	11	46.96	160	46.413	28	70.25	151	47.460	21	69.87	258
30	53.86	40	43.75	258	30.732	18	48.56	155	46.441	13	71.76	133	47.439	60	72.45	241
Juni 9	53.46	50	46.33	221	30.714	46	50.11	146	46.428	53	73.09	113	47.379	96	74.86	219
19	52.96	59	48.54	178	30.668	72	51.57	131	46.375	91	74.22	90	47.283	128	77.05	189
29	52.37	66	50.32	130	30.596	96	52.88	114	46.284	127	75.12	64	47.155	158	78.94	155
Juli 9	51.71	72	51.62	79	30.500	118	54.02	95	46.157	159	75.76	37	46.997	184	80.49	116
19	50.99	75	52.41	27	30.382	136	54.97	72	45.998	186	76.13	8	46.813	205	81.65	76
29	50.24	78	52.68	27	30.246	149	55.69	48	45.812	206	76.21	23	46.608	219	82.41	34
Aug. 8	49.46	77	52.41	80	30.097	158	56.17	22	45.606	218	75.98	51	46.389	228	82.75	11
18	48.69	75	51.61	131	29.939	161	56.39	3	45.388	221	75.47	79	46.161	229	82.64	55
28	47.94	72	50.30	181	29.778	156	56.36	31	45.167	212	74.68	105	45.932	223	82.09	98
Sept. 7	47.22	67	48.49	226	29.622	143	56.05	59	44.955	194	73.63	127	45.709	206	81.11	141
17	46.55	59	46.23	269	29.479	122	55.46	87	44.761	163	72.36	145	45.503	182	79.70	182
27	45.96	50	43.54	305	29.357	94	54.59	115	44.598	121	70.91	155	45.321	149	77.88	220
Okt. 7	45.46	38	40.49	337	29.263	57	53.44	144	44.477	69	69.36	159	45.172	106	75.68	255
17	45.08	27	37.12	361	29.206	15	52.00	170	44.408	11	67.77	157	45.066	57	73.13	286
27	44.81	13	33.51	377	29.191	32	50.30	195	44.397	54	66.20	145	45.009	1	70.27	311
Nov. 6	44.68	2	29.74	385	29.223	82	48.35	217	44.451	121	64.75	127	45.008	58	67.16	329
16	44.70	17	25.89	384	29.305	133	46.18	235	44.572	187	63.48	102	45.066	119	63.87	340
26	44.87	32	22.05	371	29.438	180	43.83	247	44.759	248	62.46	72	45.185	178	60.47	343
Dez. 6	45.19	46	18.34	347	29.618	223	41.36	253	45.007	302	61.74	38	45.363	232	57.04	334
16	45.65	59	14.87	314	29.841	260	38.83	250	45.309	346	61.36	2	45.595	280	53.70	317
26	46.24	71	11.73	269	30.101	289	36.33	241	45.655	379	61.34	34	45.875	320	50.53	289
36	46.95		9.04		30.390		33.92		46.034		61.68		46.195		47.64	
Mittl. Ort	51.06		33.28		28.843		46.77		43.334		65.73		45.593		66.43	
sec δ, tg δ	3.717		+3.580		1.034		+0.262		1.365		−0.929		1.317		+0.858	
a, a'	−0.2		−14.7		+2.8		−14.6		+3.9		−14.5		+2.3		−14.2	
b, b'	−0.18		+ 0.68		−0.01		+ 0.69		+0.04		+ 0.69		−0.04		+ 0.71	

Scheinbare Sternörter 1942

Tag	556) σ Librae AR.		Dekl.		557) ψ Bootis AR.		Dekl.		558) ζ Lupi AR.		Dekl.		563) δ Bootis AR.		Dekl.	
1942	$15^h\ 0^m$		$-25°\ 3'$		$15^h\ 1^m$		$+27°10'$		$15^h\ 8^m$		$-51°52'$		$15^h\ 13^m$		$+33°31'$	
Jan. 1	$39^s.238$	328	$5''.60$	113	$56^s.218$	306	$21''.08$	252	$5^s.169$	445	$28''.14$	6	$8^s.296$	309	$46''.72$	265
11	39.566	340	6.73	129	56.524	323	18.56	218	5.614	464	28.20	46	8.605	332	44.07	228
21	39.906	342	8.02	142	56.847	330	16.38	178	6.078	471	28.66	83	8.937	342	41.79	184
31	40.248	335	9.44	149	57.177	328	14.60	131	6.549	466	29.49	117	9.279	342	39.95	132
Febr. 10	40.583	321	10.93	150	57.505	315	13.29	81	7.015	451	30.66	147	9.621	333	38.63	78
20	40.904	301	12.43	149	57.820	296	12.48	29	7.466	427	32.13	172	9.954	317	37.85	21
März 2	41.205	277	13.92	142	58.116	272	12.19	23	7.893	396	33.85	193	10.271	292	37.64	35
12	41.482	251	15.34	133	58.388	242	12.42	71	8.289	360	35.78	207	10.563	262	37.99	86
22	41.733	221	16.67	123	58.630	210	13.13	114	8.649	321	37.85	219	10.825	230	38.85	134
Apr. 1	41.954	192	17.90	112	58.840	177	14.27	151	8.970	279	40.04	226	11.055	194	40.19	174
11	42.146	161	19.02	100	59.017	141	15.78	180	9.249	235	42.30	228	11.249	157	41.93	205
21	42.307	130	20.02	87	59.158	106	17.58	201	9.484	189	44.58	227	11.406	118	43.98	227
Mai 1	42.437	100	20.89	76	59.264	71	19.59	214	9.673	141	46.85	221	11.524	81	46.25	242
10*)	42.537	68	21.65	64	59.335	38	21.73	219	9.814	93	49.06	212	11.605	43	48.67	246
20	42.605	36	22.29	52	59.373	4	23.92	215	9.907	42	51.18	199	11.648	6	51.13	242
30	42.641	5	22.81	40	59.377	29	26.07	206	9.949	8	53.17	181	11.654	29	53.55	231
Juni 9	42.646	28	23.21	27	59.348	59	28.13	189	9.941	58	54.98	160	11.625	64	55.86	212
19	42.618	58	23.48	16	59.289	88	30.02	167	9.883	106	56.58	135	11.561	96	57.98	188
29	42.560	87	23.64	3	59.201	115	31.69	142	9.777	152	57.93	106	11.465	126	59.86	159
Juli 9	42.473	114	23.67	11	59.086	138	33.11	112	9.625	193	58.99	75	11.339	152	61.45	126
19	42.359	137	23.56	24	58.948	159	34.23	81	9.432	227	59.74	40	11.187	174	62.71	89
29	42.222	155	23.32	37	58.789	173	35.04	46	9.205	254	60.14	4	11.013	191	63.60	52
Aug. 8	42.067	167	22.95	50	58.616	183	35.50	11	8.951	270	60.18	33	10.822	203	64.12	12
18	41.900	171	22.45	61	58.433	185	35.61	25	8.681	276	59.85	69	10.619	207	64.24	29
28	41.729	167	21.84	70	58.248	181	35.36	61	8.405	269	59.16	103	10.412	204	63.95	69
Sept. 7	41.562	153	21.14	76	58.067	169	34.75	97	8.136	249	58.13	133	10.208	192	63.26	110
17	41.409	131	20.38	79	57.898	147	33.78	133	7.887	214	56.80	160	10.016	171	62.16	148
27	41.278	98	19.59	77	57.751	118	32.45	168	7.673	166	55.20	180	9.845	142	60.68	186
Okt. 7	41.180	57	18.82	70	57.633	81	30.77	200	7.507	108	53.40	192	9.703	103	58.82	221
17	41.123	10	18.12	59	57.552	37	28.77	229	7.399	40	51.48	196	9.600	59	56.61	253
27	41.113	43	17.53	42	57.515	13	26.48	255	7.359	35	49.52	191	9.541	8	54.08	279
Nov. 6	41.156	98	17.11	22	57.528	65	23.93	277	7.394	114	47.61	178	9.533	47	51.29	301
16	41.254	152	16.89	1	57.593	119	21.16	292	7.508	191	45.83	157	9.580	104	48.28	316
26	41.406	204	16.90	28	57.712	170	18.24	299	7.699	264	44.26	129	9.684	159	45.12	323
Dez. 6	41.610	250	17.18	54	57.882	218	15.25	299	7.963	329	42.97	95	9.843	211	41.89	320
16	41.860	287	17.72	80	58.100	260	12.26	290	8.292	383	42.02	57	10.054	256	38.69	309
26	42.147	316	18.52	102	58.360	292	9.36	270	8.675	426	41.45	16	10.310	294	35.60	286
36	42.463		19.54		58.652		6.66		9.101		41.29		10.604		32.74	
Mittl. Ort	40.151		19.08		57.529		22.11		6.260		47.94		9.769		48.65	
sec δ, tg δ	1.104		−0.467		1.124		+0.513		1.620		−1.274		1.200		+0.663	
a, *a′*	+3.5		−14.1		+2.6		−14.1		+4.3		−13.7		+2.4		−13.3	
b, *b′*	+0.02		+ 0.71		−0.02		+ 0.71		+0.06		+ 0.73		−0.03		+ 0.75	

*) Bei Stern 563) lies Mai 11.

Tag	560) γ Triang. austr. AR.		Dekl.		564) β Librae AR.		Dekl.		565) ι H. Ursae min. AR.		Dekl.		566) φ^1 Lupi AR.		Dekl.	
1942	$15^h\ 13^m$		$-68^\circ\ 27'$		$15^h\ 13^m$		$-9^\circ\ 10'$		$15^h\ 13^m$		$+67^\circ\ 33'$		$15^h\ 18^m$		$-36^\circ\ 2'$	
Jan. 1	$26^s.18$	69	$39''.69$	60	$51^s.877$	296	$3''.37$	161	$54^s.41$	54	$53''.06$	270	$5^s.984$	351	$52''.29$	57
11	26.87	72	39.09	11	52.173	310	4.98	163	54.95	60	50.36	216	6.335	368	52.86	84
21	27.59	74	38.98	38	52.483	314	6.61	157	55.55	62	48.20	154	6.703	375	53.70	106
31	28.33	74	39.36	86	52.797	311	8.18	148	56.17	64	46.66	89	7.078	371	54.76	125
Febr. 10	29.07	72	40.22	128	53.108	300	9.66	132	56.81	64	45.77	21	7.449	360	56.01	140
20	29.79	69	41.50	168	53.408	284	10.98	113	57.45	62	45.56	47	7.809	342	57.41	149
März 2	30.48	65	43.18	202	53.692	263	12.11	92	58.07	56	46.03	112	8.151	318	58.90	155
12	31.13	59	45.20	230	53.955	239	13.03	69	58.63	51	47.15	170	8.469	292	60.45	157
22	31.72	52	47.50	255	54.194	213	13.72	47	59.14	43	48.85	222	8.761	263	62.02	157
Apr. 1	32.24	46	50.05	272	54.407	186	14.19	26	59.57	35	51.07	263	9.024	231	63.59	154
11	32.70	38	52.77	284	54.593	159	14.45	7	59.92	25	53.70	293	9.255	199	65.13	149
21	33.08	30	55.61	290	54.752	131	14.52	9	60.17	15	56.63	312	9.454	165	66.62	143
Mai 1	33.38	21	58.51	291	54.883	102	14.43	22	60.32	7	59.75	319	9.619	130	68.05	134
11	11 33.59	13	61.42	286	11 54.985	74	14.21	33	11 60.39	3	62.94	316	12 9.749	94	69.39	126
20	33.72	4	64.28	274	55.059	44	13.88	41	60.36	13	66.10	302	9.843	57	70.65	114
30	33.76	6	67.02	256	55.103	14	13.47	46	60.23	21	69.12	278	9.900	19	71.79	101
Juni 9	33.70	14	69.58	233	55.117	15	13.01	50	60.02	28	71.90	248	9.919	18	72.80	86
19	33.56	22	71.91	204	55.102	44	12.51	51	59.74	36	74.38	210	9.901	56	73.66	70
29	33.34	30	73.95	169	55.058	72	12.00	52	59.38	41	76.48	166	9.845	92	74.36	52
Juli 9	33.04	37	75.64	129	54.986	98	11.48	51	58.97	46	78.14	118	9.753	125	74.88	31
19	32.67	43	76.93	85	54.888	120	10.97	50	58.51	50	79.32	68	9.628	154	75.19	10
29	32.24	47	77.78	39	54.768	139	10.47	47	58.01	52	80.00	16	9.474	177	75.29	13
Aug. 8	31.77	49	78.17	9	54.629	151	10.00	43	57.49	54	80.16	36	9.297	193	75.16	35
18	31.28	51	78.08	57	54.478	158	9.57	39	56.95	54	79.80	89	9.104	201	74.81	57
28	30.77	49	77.51	105	54.320	156	9.18	32	56.41	52	78.91	140	8.903	199	74.24	77
Sept. 7	30.28	45	76.46	148	54.164	147	8.86	25	55.89	49	77.51	189	8.704	186	73.47	94
17	29.83	40	74.98	188	54.017	128	8.61	14	55.40	44	75.62	234	8.518	163	72.53	108
27	29.43	32	73.10	220	53.889	100	8.47	1	54.96	39	73.28	275	8.355	129	71.45	117
Okt. 7	29.11	22	70.90	243	53.789	66	8.46	15	54.57	31	70.53	312	8.226	85	70.28	120
17	28.89	11	68.47	258	53.723	23	8.61	33	54.26	23	67.41	342	8.141	33	69.08	117
27	28.78	1	65.89	262	53.700	25	8.94	52	54.03	13	63.99	366	8.108	25	67.91	108
Nov. 6	28.79	13	63.27	254	53.725	75	9.46	74	53.90	2	60.33	381	8.133	86	66.83	91
16	28.92	26	60.73	238	53.800	125	10.20	96	53.88	8	56.52	386	8.219	147	65.92	71
26	29.18	38	58.35	211	53.925	174	11.16	117	53.96	20	52.66	381	8.366	205	65.21	46
Dez. 6	29.56	49	56.24	176	54.099	218	12.33	135	54.16	30	48.85	365	8.571	258	64.75	17
16	30.05	58	54.48	135	54.317	255	13.68	150	54.46	41	45.20	339	8.829	302	64.58	12
26	30.63	65	53.13	88	54.572	283	15.18	160	54.87	49	41.81	300	9.131	336	64.70	42
36	31.28		52.25		54.855		16.78		55.36		38.81		9.467		65.12	
Mittl. Ort	27.83		62.03		52.902		12.55		57.73		60.18		7.032		68.51	
sec δ, tg δ	2.725		−2.534		1.013		−0.161		2.621		+2.422		1.237		−0.728	
a, a'	+5.6		−13.3		+3.2		−13.3		+0.6		−13.3		+3.8		−13.0	
b, b'	+0.11		+ 0.75		+0.01		+ 0.75		−0.11		+ 0.75		+0.03		+ 0.76	

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Tag	569) γ Ursae min. AR.		Dekl.		568) μ Bootis *pr* AR.		Dekl.		571) ι Draconis AR.		Dekl.		572) β Coron. bor. AR.		Dekl.	
1942	15h 20m		+72° 2′		15h 22m		+37° 34′		15h 23m		+59° 9′		15h 25m		+29° 18′	
	s		″		s		″		s		″		s		″	
Jan. 1	43.99	61	18.58	270	16.268	312	44.31	274	35.550	412	61.52	284	24.719	294	16.21	264
11	44.60	70	15.88	216	16.580	336	41.57	236	35.962	457	58.68	233	25.013	316	13.57	232
21	45.30	75	13.72	155	16.916	350	39.21	189	36.419	485	56.35	176	25.329	327	11.25	191
31	46.05	77	12.17	90	17.266	353	37.32	135	36.904	498	54.59	112	25.656	330	9.34	143
Febr. 10	46.82	78	11.27	22	17.619	347	35.97	78	37.402	495	53.47	46	25.986	323	7.91	92
20	47.60	74	11.05	47	17.966	331	35.19	19	37.897	476	53.01	21	26.309	309	6.99	38
März 2	48.34	70	11.52	112	18.297	308	35.00	40	38.373	444	53.22	87	26.618	287	6.61	16
12	49.04	63	12.64	171	18.605	279	35.40	94	38.817	400	54.09	147	26.905	262	6.77	67
22	49.67	53	14.35	222	18.884	246	36.34	143	39.217	347	55.56	200	27.167	232	7.44	113
Apr. 1	50.20	43	16.57	264	19.130	208	37.77	186	39.564	287	57.56	243	27.399	200	8.57	154
11	50.63	32	19.21	295	19.338	170	39.63	219	39.851	222	59.99	278	27.599	166	10.11	186
21	50.95	19	22.16	315	19.508	129	41.82	243	40.073	153	62.77	301	27.765	131	11.97	211
Mai 1	51.14	7	25.31	323	19.637	89	44.25	258	40.226	85	65.78	311	27.896	95	14.08	226
11	51.21	4	28.54	319	19.726	49	46.83	263	40.311	17	68.89	313	27.991	59	16.34	234
20	13 51.17	16	31.73	306	13 19.775	9	49.46	259	13 40.328	49	72.02	304	14 28.050	24	18.68	232
30	51.01	27	34.79	283	19.784	31	52.05	247	40.279	113	75.06	284	28.074	11	21.00	224
Juni 9	50.74	36	37.62	252	19.753	67	54.52	229	40.166	171	77.90	258	28.063	45	23.24	209
19	50.38	46	40.14	214	19.686	102	56.81	203	39.995	225	80.48	223	28.018	77	25.33	188
29	49.92	53	42.28	171	19.584	134	58.84	172	39.770	273	82.71	184	27.941	108	27.21	162
Juli 9	49.39	59	43.99	123	19.450	164	60.56	137	39.497	313	84.55	139	27.833	136	28.83	132
19	48.80	64	45.22	73	19.286	187	61.93	99	39.184	346	85.94	91	27.697	159	30.15	99
29	48.16	67	45.95	20	19.099	207	62.92	58	38.838	370	86.85	42	27.538	179	31.14	64
Aug. 8	47.49	69	46.15	33	18.892	220	63.50	15	38.468	384	87.27	10	27.359	191	31.78	27
18	46.80	69	45.82	85	18.672	226	63.65	26	38.084	389	87.17	61	27.168	199	32.05	11
28	46.11	66	44.97	136	18.446	223	63.39	70	37.695	382	86.56	112	26.969	198	31.94	49
Sept. 7	45.45	64	43.61	185	18.223	212	62.69	113	37.313	363	85.44	161	26.771	189	31.45	88
17	44.81	58	41.76	231	18.011	192	61.56	154	36.950	331	83.83	207	26.582	170	30.57	125
27	44.23	51	39.45	273	17.819	163	60.02	193	36.619	289	81.76	250	26.412	144	29.32	162
Okt. 7	43.72	42	36.72	309	17.656	124	58.09	230	36.330	234	79.26	289	26.268	108	27.70	197
17	43.30	32	33.63	340	17.532	79	55.79	263	36.096	169	76.37	323	26.160	66	25.73	228
27	42.98	21	30.23	364	17.453	26	53.16	291	35.927	94	73.14	349	26.094	17	23.45	257
Nov. 6	42.77	7	26.59	379	17.427	31	50.25	313	35.833	14	69.65	368	26.077	36	20.88	280
16	42.70	6	22.80	384	17.458	90	47.12	328	35.819	71	65.97	378	26.113	91	18.08	297
26	42.76	19	18.96	380	17.548	148	43.84	335	35.890	155	62.19	378	26.204	145	15.11	307
Dez. 6	42.95	32	15.16	365	17.696	203	40.49	333	36.045	238	58.41	367	26.349	195	12.04	308
16	43.27	45	11.51	338	17.899	251	37.16	320	36.283	314	54.74	345	26.544	240	8.96	301
26	43.72	56	8.13	301	18.150	293	33.96	296	36.597	379	51.29	312	26.784	276	5.95	282
36	44.28		5.12		18.443		31.00		36.976		48.17		27.060		3.13	
Mittl. Ort	48.12		25.50		17.869		46.57		38.076		67.10		26.159		16.58	
sec δ, tg δ	3.243		+3.085		1.262		+0.770		1.951		+1.675		1.147		+0.561	
a, *a′*	−0.1		−12.8		+2.3		−12.7		+1.3		−12.6		+2.5		−12.5	
b, *b′*	−0.13		+ 0.77		−0.03		+ 0.77		−0.07		+ 0.78		−0.02		+ 0.78	

Tag	573) ν¹ Bootis AR.		573) ν¹ Bootis Dekl.		575) γ Lupi m AR.		575) γ Lupi m Dekl.		578) α Coron. bor. AR.		578) α Coron. bor. Dekl.		577) γ Librae AR.		577) γ Librae Dekl.	
1942	15h 28m		+41° 1′		15h 31m		−40° 58′		15h 32m		+26° 54′		15h 32m		−14° 35′	
Jan. 1	48.931	315	45.12	282	14.817	364	6.76	25	12.407	286	32.25	263	15.519	293	40.25	133
11	49.246	343	42.30	242	15.181	385	7.01	54	12.693	309	29.62	233	15.812	310	41.58	140
21	49.589	360	39.88	193	15.566	395	7.55	81	13.002	321	27.29	194	16.122	318	42.98	141
31	49.949	366	37.95	138	15.961	394	8.36	105	13.323	324	25.35	149	16.440	317	44.39	136
Febr. 10	50.315	360	36.57	79	16.355	385	9.41	124	13.647	319	23.86	100	16.757	309	45.75	127
20	50.675	347	35.78	18	16.740	369	10.65	139	13.966	306	22.86	47	17.066	296	47.02	115
März 2	51.022	324	35.60	43	17.109	348	12.04	151	14.272	287	22.39	5	17.362	278	48.17	99
12	51.346	295	36.03	98	17.457	322	13.55	159	14.559	262	22.44	56	17.640	256	49.16	81
22	51.641	260	37.01	151	17.779	292	15.14	163	14.821	235	23.00	101	17.896	232	49.97	64
Apr. 1	51.901	223	38.52	194	18.071	261	16.77	166	15.056	204	24.01	142	18.128	207	50.61	47
11	52.124	181	40.46	229	18.332	227	18.43	165	15.260	171	25.43	175	18.335	181	51.08	31
21	52.305	139	42.75	254	18.559	191	20.08	162	15.431	138	27.18	200	18.516	153	51.39	17
Mai 1	52.444	96	45.29	269	18.750	154	21.70	157	15.569	104	29.18	216	18.669	125	51.56	5
11	52.540	53	47.98	275	18.904	116	23.27	150	15.673	69	31.34	225	18.794	94	51.61	5
20	52.593	11	50.73	272	19.020	75	24.77	141	15.742	34	33.59	225	18.888	65	51.56	13
30	52.604	31	53.45	259	19.095	33	26.18	128	15.776	1	35.84	218	18.953	33	51.43	19
Juni 9	52.573	72	56.04	240	19.128	9	27.46	115	15.775	34	38.02	205	18.986	1	51.24	24
19	52.501	109	58.44	213	19.119	51	28.61	97	15.741	67	40.07	186	18.987	31	51.00	27
29	52.392	143	60.57	182	19.068	92	29.58	78	15.674	97	41.93	161	18.956	61	50.73	31
Juli 9	52.249	174	62.39	145	18.976	128	30.36	55	15.577	126	43.54	134	18.895	90	50.42	34
19	52.075	201	63.84	105	18.848	162	30.91	31	15.451	151	44.88	102	18.805	117	50.08	36
29	51.874	222	64.89	63	18.686	190	31.22	6	15.300	171	45.90	69	18.688	138	49.72	38
Aug. 8	51.652	235	65.52	18	18.496	209	31.28	20	15.129	185	46.59	33	18.550	154	49.34	39
18	51.417	243	65.70	26	18.287	220	31.08	47	14.944	194	46.92	2	18.396	164	48.95	39
28	51.174	241	65.44	71	18.067	221	30.61	73	14.750	194	46.90	40	18.232	165	48.56	39
Sept. 7	50.933	231	64.73	115	17.846	209	29.88	95	14.556	186	46.50	77	18.067	158	48.17	36
17	50.702	211	63.58	159	17.637	187	28.93	113	14.370	169	45.73	114	17.909	142	47.81	32
27	50.491	180	61.99	199	17.450	152	27.80	128	14.201	144	44.59	149	17.767	115	47.49	23
Okt. 7	50.311	142	60.00	237	17.298	106	26.52	137	14.057	110	43.10	184	17.652	81	47.26	13
17	50.169	95	57.63	272	17.192	53	25.15	139	13.947	68	41.26	215	17.571	40	47.13	2
27	50.074	41	54.91	301	17.139	8	23.76	134	13.879	20	39.11	244	17.531	8	47.15	18
Nov. 6	50.033	18	51.90	323	17.147	73	22.42	123	13.859	31	36.67	268	17.539	60	47.33	37
16	50.051	79	48.67	339	17.220	138	21.19	104	13.890	85	33.99	287	17.599	112	47.70	57
26	50.130	140	45.28	346	17.358	201	20.15	81	13.975	139	31.12	297	17.711	161	48.27	79
Dez. 6	50.270	198	41.82	342	17.559	259	19.34	53	14.114	188	28.15	301	17.872	208	49.06	98
16	50.468	250	38.40	329	17.818	307	18.81	23	14.302	232	25.14	295	18.080	248	50.04	115
26	50.718	294	35.11	305	18.125	346	18.58	8	14.534	269	22.19	280	18.328	279	51.19	130
36	51.012		32.06		18.471		18.66		14.803		19.39		18.607		52.49	
Mittl. Ort	50.646		47.64		15.998		23.87		13.831		31.75		16.623		51.06	
sec δ, tg δ	1.326		+0.870		1.324		−0.868		1.121		+0.508		1.033		−0.260	
a, *a′*	+2.2		−12.3		+4.0		−12.1		+2.5		−12.0		+3.4		−12.0	
b, *b′*	−0.04		+ 0.79		+0.03		+ 0.80		−0.02		+ 0.80		+0.01		+ 0.80	

Scheinbare Sternörter 1942

Tag	582) α Serpentis AR.		582) α Serpentis Dekl.		583) β Serpentis AR.		583) β Serpentis Dekl.		590) ζ Ursae min. AR.		590) ζ Ursae min. Dekl.		584) κ Serpentis AR.		584) κ Serpentis Dekl.	
1942	$15^h\ 41^m$		+6° 36′		$15^h\ 43^m$		+15° 35′		$15^h\ 45^m$		+77° 58′		$15^h\ 46^m$		+18° 19′	
	s		″		s		″		s		″		s		″	
Jan. 1	23.285	271	30.20	209	29.207	271	71.12	237	58.71	78	20.48	284	6.265	269	13.27	245
11	23.556	291	28.11	196	29.478	292	68.75	217	59.49	91	17.64	235	6.534	292	10.82	224
21	23.847	302	26.15	176	29.770	304	66.58	189	60.40	102	15.29	178	6.826	305	8.58	193
31	24.149	303	24.39	150	30.074	307	64.69	154	61.42	108	13.51	115	7.131	309	6.65	156
Febr. 10	24.452	299	22.89	118	30.381	303	63.15	115	62.50	111	12.36	47	7.440	306	5.09	113
20	24.751	287	21.71	84	30.684	292	62.00	71	63.61	110	11.89	21	7.746	295	3.96	68
März 2	25.038	270	20.87	47	30.976	276	61.29	27	64.71	105	12.10	86	8.041	279	3.28	22
12	25.308	251	20.40	11	31.252	256	61.02	17	65.76	96	12.96	148	8.320	259	3.06	24
22	25.559	227	20.29	23	31.508	231	61.19	57	66.72	84	14.44	203	8.579	235	3.30	66
Apr. 1	25.786	203	20.52	55	31.739	205	61.76	93	67.56	70	16.47	248	8.814	208	3.96	104
11	25.989	176	21.07	81	31.944	178	62.69	124	68.26	54	18.95	283	9.022	180	5.00	136
21	26.165	149	21.88	102	32.122	149	63.93	148	68.80	36	21.78	307	9.202	151	6.36	161
Mai 1	26.314	120	22.90	119	32.271	118	65.41	165	69.16	18	24.85	320	9.353	120	7.97	178
11	26.434	90	24.09	129	32.389	87	67.06	175	69.34	1	28.05	322	9.473	87	9.75	189
20	[18] 26.524	61	25.38	134	[18] 32.476	56	68.81	180	[19] 69.33	18	31.27	312	[19] 9.560	56	11.64	193
30	26.585	29	26.72	134	32.532	23	70.61	177	69.15	35	34.39	295	9.616	22	13.57	190
Juni 9	26.614	2	28.06	130	32.555	9	72.38	169	68.80	51	37.34	268	9.638	10	15.47	181
19	26.612	32	29.36	121	32.546	41	74.07	157	68.29	65	40.02	234	9.628	42	17.28	167
29	26.580	63	30.57	111	32.505	71	75.64	139	67.64	78	42.36	193	9.586	74	18.95	149
Juli 9	26.517	91	31.68	97	32.434	100	77.03	120	66.86	89	44.29	148	9.512	103	20.44	126
19	26.426	116	32.65	81	32.334	126	78.23	96	65.97	96	45.77	99	9.409	130	21.70	102
29	26.310	137	33.46	63	32.208	147	79.19	72	65.01	103	46.76	49	9.279	151	22.72	75
Aug. 8	26.173	154	34.09	45	32.061	164	79.91	45	63.98	107	47.25	4	9.128	168	23.47	46
18	26.019	165	34.54	25	31.897	174	80.36	17	62.91	108	47.21	56	8.960	179	23.93	16
28	25.854	167	34.79	3	31.723	177	80.53	11	61.83	107	46.65	107	8.781	182	24.09	15
Sept. 7	25.687	161	34.82	18	31.546	171	80.42	41	60.76	103	45.58	157	8.599	176	23.94	46
17	25.526	147	34.64	42	31.375	158	80.01	71	59.73	96	44.01	204	8.423	163	23.48	78
27	25.379	125	34.22	65	31.217	134	79.30	100	58.77	87	41.97	249	8.260	140	22.70	110
Okt. 7	25.254	93	33.57	90	31.083	103	78.30	131	57.90	76	39.48	287	8.120	110	21.60	141
17	25.161	54	32.67	115	30.980	65	76.99	159	57.14	62	36.61	321	8.010	70	20.19	171
27	25.107	10	31.52	139	30.915	19	75.40	186	56.52	46	33.40	347	7.940	24	18.48	199
Nov. 6	25.097	39	30.13	162	30.896	30	73.54	210	56.06	28	29.93	367	7.916	24	16.49	223
16	25.136	89	28.51	182	30.926	80	71.44	230	55.78	9	26.26	377	7.940	76	14.26	244
26	25.225	138	26.69	199	31.006	131	69.14	246	55.69	11	22.49	378	8.016	126	11.82	258
Dez. 6	25.363	183	24.70	211	31.137	178	66.68	254	55.80	31	18.71	368	8.142	174	9.24	266
16	25.546	223	22.59	217	31.315	220	64.14	256	56.11	50	15.03	345	8.316	217	6.58	267
26	25.769	257	20.42	216	31.535	254	61.58	248	56.61	68	11.58	313	8.533	253	3.91	258
36	26.026		18.26		31.789		59.10		57.29		8.45		8.786		1.33	
Mittl. Ort	24.516		24.62		30.524		67.61		65.00		25.65		7.620		10.28	
sec δ, tg δ	1.007		+0.116		1.038		+0.279		4.799		+4.694		1.053		+0.331	
a, a′	+2.9		−11.4		+2.8		−11.2		−2.2		−11.1		+2.7		−11.1	
b, b′	0.00		+ 0.82		−0.01		+ 0.83		−0.17		+ 0.83		−0.01		+ 0.83	

Obere Kulmination Greenwich

Tag	585) μ Serpentis AR.	585) μ Serpentis Dekl.	588) ε Serpentis AR.	588) ε Serpentis Dekl.	589) β Triang. austr. AR.	589) β Triang. austr. Dekl.	593) ε Coronae bor. AR.	593) ε Coronae bor. Dekl.
1942	$15^h\ 46^m$	$-3°\ 15'$	$15^h\ 47^m$	$+4°\ 38'$	$15^h\ 49^m$	$-63°\ 14'$	$15^h\ 55^m$	$+27°\ 2'$
Jan. 1	34.207 273	6.66 173	54.080 268	69.88 201	58.74 54	53.01 86	9.550 269	42.39 270
11	34.480 292	8.39 169	54.348 288	67.87 191	59.28 58	52.15 44	9.819 294	39.69 242
21	34.772 302	10.08 158	54.636 299	65.96 173	59.86 61	51.71 1	10.113 312	37.27 206
31	35.074 305	11.66 142	54.935 303	64.23 148	60.47 62	51.70 41	10.425 319	35.21 162
Febr. 10	35.379 299	13.08 121	55.238 298	62.75 119	61.09 62	52.11 82	10.744 319	33.59 113
20	35.678 289	14.29 97	55.536 288	61.56 87	61.71 60	52.93 117	11.063 310	32.46 60
März 2	35.967 274	15.26 69	55.824 273	60.69 52	62.31 57	54.10 150	11.373 295	31.86 7
12	36.241 254	15.95 42	56.097 254	60.17 18	62.88 54	55.60 180	11.668 274	31.79 44
22	36.495 233	16.37 14	56.351 231	59.99 16	63.42 50	57.40 203	11.942 251	32.23 93
Apr. 1	36.728 209	16.51 10	56.582 208	60.15 46	63.92 44	59.43 223	12.193 223	33.16 135
11	36.937 183	16.41 32	56.790 182	60.61 72	64.36 39	61.66 239	12.416 192	34.51 171
21	37.120 158	16.09 50	56.972 155	61.33 93	64.75 33	64.05 250	12.608 160	36.22 199
Mai 1	37.278 130	15.59 65	57.127 127	62.26 110	65.08 27	66.55 255	12.768 127	38.21 218
11	37.408 101	14.94 75	57.254 98	63.36 120	65.35 19	69.10 257	12.895 92	40.39 230
20*)	19 37.509 71	14.19 81	19 57.352 68	64.56 125	20 65.54 13	71.67 252	21 12.987 57	42.69 233
30	37.580 40	13.38 84	57.420 36	65.81 126	65.67 5	74.19 242	13.044 20	45.02 228
Juni 9	37.620 9	12.54 84	57.456 5	67.07 123	65.72 3	76.61 227	13.064 15	47.30 217
19	37.629 23	11.70 81	57.461 26	68.30 116	65.69 10	78.88 206	13.049 51	49.47 200
29	37.606 54	10.89 76	57.435 57	69.46 105	65.59 17	80.94 179	12.998 84	51.47 176
Juli 9	37.552 83	10.13 69	57.378 86	70.51 94	65.42 24	82.73 147	12.914 115	53.23 150
19	37.469 110	9.44 61	57.292 113	71.45 79	65.18 30	84.20 112	12.799 144	54.73 120
29	37.359 133	8.83 53	57.179 135	72.24 63	64.88 35	85.32 72	12.655 168	55.93 86
Aug. 8	37.226 150	8.30 42	57.044 152	72.87 46	64.53 39	86.04 29	12.487 186	56.79 51
18	37.076 161	7.88 31	56.892 164	73.33 28	64.14 40	86.33 16	12.301 199	57.30 15
28	36.915 165	7.57 20	56.728 167	73.61 8	63.74 41	86.17 60	12.102 202	57.45 23
Sept. 7	36.750 161	7.37 7	56.561 163	73.69 12	63.33 40	85.57 102	11.900 198	57.22 61
17	36.589 147	7.30 9	56.398 150	73.57 34	62.93 36	84.55 142	11.702 185	56.61 98
27	36.442 124	7.39 25	56.248 128	73.23 56	62.57 30	83.13 176	11.517 163	55.63 136
Okt. 7	36.318 93	7.64 42	56.120 97	72.67 79	62.27 24	81.37 204	11.354 131	54.27 171
17	36.225 54	8.06 62	56.023 59	71.88 103	62.03 15	79.33 223	11.223 92	52.56 204
27	36.171 9	8.68 83	55.964 14	70.85 127	61.88 6	77.10 234	11.131 46	50.52 234
Nov. 6	36.162 39	9.51 104	55.950 34	69.58 149	61.82 5	74.76 235	11.085 5	48.18 261
16	36.201 89	10.55 124	55.984 83	68.09 169	61.87 15	72.41 225	11.090 59	45.57 282
26	36.290 139	11.79 142	56.067 132	66.40 187	62.02 25	70.16 208	11.149 112	42.75 295
Dez. 6	36.429 185	13.21 157	56.199 179	64.53 200	62.27 35	68.08 181	11.261 164	39.80 301
16	36.614 225	14.78 169	56.378 219	62.53 207	62.62 44	66.27 148	11.425 209	36.79 299
26	36.839 257	16.47 175	56.597 253	60.46 207	63.06 50	64.79 109	11.634 250	33.80 285
36	37.096	18.22	56.850	58.39	63.56	63.70	11.884	30.95
Mittl. Ort	35.406	14.76	55.324	63.67	60.68	73.38	11.051	40.83
sec δ, tg δ	1.002	−0.057	1.003	+0.081	2.222	−1.984	1.123	+0.511
a, *a'*	+3.1	−11.0	+3.0	−10.9	+5.3	−10.8	+2.5	−10.4
b, *b'*	0.00	+ 0.84	0.00	+ 0.84	+0.07	+ 0.84	−0.02	+ 0.86

*) Bei Stern 593) lies Mai 21.

Scheinbare Sternörter 1942

Tag	594) δ Scorpii AR.		594) δ Scorpii Dekl.		598) ϑ Draconis AR.		598) ϑ Draconis Dekl.		597) β Scorpii *pr* AR.		597) β Scorpii *pr* Dekl.		603) δ Ophiuchi AR.		603) δ Ophiuchi Dekl.	
1942	$15^h\ 56^m$		$-22°\ 27'$		$16^h\ 0^m$		$+58°\ 42'$		$16^h\ 2^m$		$-19°\ 38'$		$16^h\ 11^m$		$-3°\ 32'$	
Jan. 1	52.706	292	16.80	86	45.214	355	67.79	311	2.347	282	41.64	96	16.881	256	38.76	165
11	52.998	312	17.66	98	45.569	409	64.68	268	2.629	305	42.60	106	17.137	280	40.41	162
21	53.310	325	18.64	107	45.978	449	62.00	215	2.934	317	43.66	111	17.417	294	42.03	152
31	53.635	328	19.71	112	46.427	475	59.85	155	3.251	322	44.77	113	17.711	300	43.55	136
Febr. 10	53.963	326	20.83	111	46.902	484	58.30	90	3.573	319	45.90	109	18.011	299	44.91	116
20	54.289	315	21.94	107	47.386	480	57.40	23	3.892	311	46.99	103	18.310	293	46.07	92
März 2	54.604	300	23.01	100	47.866	459	57.17	45	4.203	297	48.02	93	18.603	281	46.99	66
12	54.904	283	24.01	91	48.325	428	57.62	108	4.500	280	48.95	81	18.884	266	47.65	38
22	55.187	261	24.92	82	48.753	386	58.70	167	4.780	259	49.76	69	19.150	248	48.03	11
Apr. 1	55.448	237	25.74	71	49.139	335	60.37	218	5.039	237	50.45	56	19.398	227	48.14	14
11	55.685	213	26.45	60	49.474	277	62.55	258	5.276	213	51.01	45	19.625	204	48.00	36
21	55.898	185	27.05	52	49.751	214	65.13	290	5.489	186	51.46	34	19.829	179	47.64	54
Mai 1	56.083	156	27.57	43	49.965	148	68.03	310	5.675	159	51.80	25	20.008	153	47.10	69
11	56.239	126	28.00	35	50.113	81	71.13	319	5.834	128	52.05	17	20.161	124	46.41	79
21	56.365	94	28.35	30	50.194	13	74.32	317	5.962	97	52.22	11	20.285	95	45.62	85
30	56.459	59	28.65	23	50.207	54	77.49	307	6.059	63	52.33	6	20.380	62	44.77	87
Juni 9	56.518	23	28.88	17	50.153	117	80.56	286	6.122	28	52.39	2	20.442	30	43.90	87
19	56.541	12	29.05	12	50.036	177	83.42	258	6.150	7	52.41	3	20.472	4	43.03	84
29	56.529	47	29.17	5	49.859	233	86.00	224	6.143	43	52.38	7	20.468	37	42.19	78
Juli 9	56.482	81	29.22	1	49.626	283	88.24	184	6.100	75	52.31	11	20.431	69	41.41	72
19	56.401	112	29.21	9	49.343	325	90.08	139	6.025	107	52.20	15	20.362	99	40.69	62
29	56.289	138	29.12	16	49.018	359	91.47	91	5.918	135	52.05	21	20.263	126	40.07	53
Aug. 8	56.151	160	28.96	24	48.659	384	92.38	42	5.783	155	51.84	25	20.137	147	39.54	43
18	55.991	175	28.72	32	48.275	399	92.80	10	5.628	170	51.59	31	19.990	162	39.11	32
28	55.816	180	28.40	39	47.876	402	92.70	61	5.458	178	51.28	34	19.828	170	38.79	20
Sept. 7	55.636	176	28.01	45	47.474	393	92.09	112	5.280	175	50.94	38	19.658	169	38.59	6
17	55.460	162	27.56	48	47.081	371	90.97	162	5.105	161	50.56	39	19.489	159	38.53	7
27	55.298	139	27.08	49	46.710	338	89.35	208	4.944	140	50.17	37	19.330	140	38.60	22
Okt. 7	55.159	105	26.59	46	46.372	290	87.27	252	4.804	107	49.80	32	19.190	111	38.82	40
17	55.054	64	26.13	39	46.082	232	84.75	291	4.697	67	49.48	24	19.079	75	39.22	58
27	54.990	15	25.74	29	45.850	164	81.84	324	4.630	20	49.24	13	19.004	32	39.80	77
Nov. 6	54.975	38	25.45	15	45.686	86	78.60	351	4.610	32	49.11	2	18.972	16	40.57	97
16	55.013	92	25.30	3	45.600	3	75.09	368	4.642	85	49.13	19	18.988	66	41.54	117
26	55.105	146	25.33	21	45.597	81	71.41	377	4.727	137	49.32	37	19.054	115	42.71	134
Dez. 6	55.251	195	25.54	42	45.678	165	67.64	374	4.864	187	49.69	57	19.169	162	44.05	149
16	55.446	238	25.96	61	45.843	245	63.90	361	5.051	230	50.26	74	19.331	205	45.54	161
26	55.684	275	26.57	79	46.088	317	60.29	335	5.281	265	51.00	90	19.536	239	47.15	166
36	55.959		27.36		46.405		56.94		5.546		51.90		19.775		48.81	
Mittl. Ort	53.943		29.43		47.846		70.60		3.602		53.61		18.176		47.21	
sec δ, tg δ	1.082		−0.413		1.926		+1.646		1.062		−0.357		1.002		−0.062	
a, *a′*	+3.5		−10.3		+1.2		−10.0		+3.5		−9.9		+3.1		−9.2	
b, *b′*	+0.01		+ 0.86		−0.05		+ 0.87		+0.01		+0.87		0.00		+0.89	

Tag	606) 19 Ursae min. AR.		606) 19 Ursae min. Dekl.		605) ε Ophiuchi AR.		605) ε Ophiuchi Dekl.		604) γ^2 Normae AR.		604) γ^2 Normae Dekl.		608) τ Herculis AR.		608) τ Herculis Dekl.	
1942	$16^h\ 12^m$		+76° 1′		$16^h\ 15^m$		−4° 33′		$16^h\ 15^m$		−50° 0′		$16^h\ 17^m$		+46° 26′	
Jan. 1	21.30	60	24.88	309	13.646	255	0.54	158	27.701	377	37.37	59	57.664	280	61.98	315
11	21.90	73	21.79	265	13.901	278	2.12	156	28.078	413	36.78	27	57.944	322	58.83	278
21	22.63	83	19.14	212	14.179	293	3.68	148	28.491	435	36.51	4	58.266	352	56.05	233
31	23.46	91	17.02	151	14.472	300	5.16	133	28.926	448	36.55	35	58.618	373	53.72	179
Febr. 10	24.37	95	15.51	86	14.772	300	6.49	114	29.374	450	36.90	62	58.991	382	51.93	120
20	25.32	96	14.65	18	15.072	294	7.63	91	29.824	442	37.52	87	59.373	379	50.73	57
März 2	26.28	94	14.47	49	15.366	283	8.54	66	30.266	428	38.39	110	59.752	368	50.16	8
12	27.22	88	14.96	114	15.649	268	9.20	39	30.694	408	39.49	128	60.120	348	50.24	70
22	28.10	79	16.10	173	15.917	251	9.59	13	31.102	382	40.77	145	60.468	320	50.94	129
Apr. 1	28.89	68	17.83	223	16.168	230	9.72	11	31.484	352	42.22	158	60.788	286	52.23	180
11	29.57	56	20.06	265	16.398	208	9.61	32	31.836	319	43.80	168	61.074	248	54.03	223
21	30.13	41	22.71	296	16.606	184	9.29	51	32.155	280	45.48	177	61.322	205	56.26	258
Mai 1	30.54	27	25.67	315	16.790	157	8.78	65	32.435	239	47.25	181	61.527	159	58.84	282
11	30.81	11	28.82	325	16.947	129	8.13	75	32.674	193	49.06	183	61.686	111	61.66	296
21	30.92	5	32.07	322	17.076	99	7.38	80	32.867	144	50.89	181	61.797	62	64.62	300
30	(26) 30.87	20	35.29	311	(26) 17.175	67	6.58	84	(26) 33.011	93	52.70	177	(27) 61.859	12	67.62	295
Juni 9	30.67	35	38.40	290	17.242	34	5.74	83	33.104	40	54.47	168	61.871	37	70.57	281
19	30.32	48	41.30	261	17.276	0	4.91	80	33.144	15	56.15	155	61.834	84	73.38	259
29	29.84	59	43.91	226	17.276	33	4.11	75	33.129	69	57.70	137	61.750	130	75.97	231
Juli 9	29.25	71	46.17	184	17.243	67	3.36	69	33.060	121	59.07	117	61.620	172	78.28	197
19	28.54	79	48.01	139	17.176	97	2.67	60	32.939	168	60.24	92	61.448	209	80.25	157
29	27.75	86	49.40	90	17.079	124	2.07	52	32.771	210	61.16	63	61.239	241	81.82	115
Aug. 8	26.89	91	50.30	39	16.955	146	1.55	42	32.561	243	61.79	32	60.998	266	82.97	70
18	25.98	94	50.69	14	16.809	161	1.13	32	32.318	266	62.11	0	60.732	283	83.67	22
28	25.04	94	50.55	65	16.648	170	0.81	21	32.052	277	62.11	33	60.449	292	83.89	25
Sept. 7	24.10	93	49.90	116	16.478	170	0.60	10	31.775	275	61.78	67	60.157	289	83.64	74
17	23.17	88	48.74	166	16.308	161	0.50	4	31.500	257	61.11	97	59.868	276	82.90	121
27	22.29	82	47.08	213	16.147	141	0.54	19	31.243	227	60.14	124	59.592	253	81.69	167
Okt. 7	21.47	74	44.95	257	16.006	114	0.73	34	31.016	182	58.90	146	59.339	219	80.02	211
17	20.73	62	42.38	294	15.892	78	1.07	52	30.834	126	57.44	161	59.120	175	77.91	252
27	20.11	49	39.44	327	15.814	34	1.59	71	30.708	60	55.83	170	58.945	122	75.39	287
Nov. 6	19.62	33	36.17	354	15.780	13	2.30	90	30.648	13	54.13	171	58.823	62	72.52	317
16	19.29	18	32.63	370	15.793	63	3.20	109	30.661	88	52.42	164	58.761	2	69.35	340
26	19.11	0	28.93	377	15.856	112	4.29	127	30.749	163	50.78	151	58.763	68	65.95	354
Dez. 6	19.11	17	25.16	374	15.968	159	5.56	142	30.912	234	49.27	130	58.831	133	62.41	358
16	19.28	34	21.42	360	16.127	202	6.98	153	31.146	297	47.97	104	58.964	195	58.83	352
26	19.62	51	17.82	334	16.329	238	8.51	160	31.443	351	46.93	76	59.159	251	55.31	334
36	20.13		14.48		16.567		10.11		31.794		46.17		59.410		51.97	
Mittl. Ort	26.88		27.83		14.953		9.23		29.401		54.76		59.698		62.24	
sec δ, tg δ	4.141		+4.018		1.003		−0.080		1.556		−1.192		1.451		+1.052	
a, *a′*	−1.7		−9.1		+3.2		−8.8		+4.5		−8.8		+1.8		−8.6	
b, *b′*	−0.12		+0.89		0.00		+0.90		+0.04		+0.90		−0.03		+0.90	

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Tag	609) γ Herculis AR.		Dekl.		615) η Draconis AR.		Dekl.		611) γ Apodis AR.		Dekl.		616) α Scorpii AR.		Dekl.	
1942	16h 19m		+19° 17′		16h 23m		+61° 38′		16h 24m		−78° 45′		16h 25m		−26° 18′	
	s		"		s		"		s		"		s		"	
Jan. 1	20.095	245	21.15	252	9.05	35	40.94	326	24.00	103	55.15	185	49.410	279	4.95	48
11	20.340	272	18.63	232	9.40	40	37.68	286	25.03	116	53.30	141	49.689	305	5.43	63
21	20.612	291	16.31	204	9.80	46	34.82	237	26.19	126	51.89	93	49.994	322	6.06	74
31	20.903	301	14.27	167	10.26	49	32.45	179	27.45	132	50.96	44	50.316	331	6.80	81
Febr. 10	21.204	304	12.60	125	10.75	52	30.66	115	28.77	136	50.52	4	50.647	334	7.61	86
20	21.508	300	11.35	80	11.27	52	29.51	47	30.13	135	50.56	52	50.981	328	8.47	86
März 2	21.808	289	10.55	32	11.79	51	29.04	21	31.48	133	51.08	97	51.309	318	9.33	83
12	22.097	275	10.23	16	12.30	48	29.25	87	32.81	127	52.05	140	51.627	305	10.16	80
22	22.372	255	10.39	60	12.78	44	30.12	148	34.08	120	53.45	178	51.932	287	10.96	74
Apr. 1	22.627	234	10.99	101	13.22	39	31.60	202	35.28	110	55.23	211	52.219	267	11.70	68
11	22.861	208	12.00	136	13.61	33	33.62	247	36.38	98	57.34	241	52.486	244	12.38	63
21	23.069	181	13.36	165	13.94	27	36.09	283	37.36	85	59.75	266	52.730	219	13.01	57
Mai 1	23.250	151	15.01	186	14.21	19	38.92	307	38.21	69	62.41	284	52.949	190	13.58	52
11	23.401	119	16.87	199	14.40	13	41.99	322	38.90	54	65.25	296	53.139	160	14.10	48
21	23.520	87	18.86	206	14.53	4	45.21	324	39.44	36	68.21	302	53.299	127	14.58	45
30	[27] 23.607	52	20.92	206	[28] 14.57	3	48.45	318	[29] 39.80	17	71.23	301	[29] 53.426	90	15.03	41
Juni 9	23.659	17	22.98	199	14.54	10	51.63	302	39.97	1	74.24	292	53.516	53	15.44	38
19	23.676	18	24.97	186	14.44	17	54.65	277	39.96	19	77.16	278	53.569	14	15.82	32
29	23.658	53	26.83	169	14.27	23	57.42	245	39.77	37	79.94	254	53.583	26	16.14	28
Juli 9	23.605	87	28.52	148	14.04	30	59.87	208	39.40	54	82.48	223	53.557	63	16.42	21
19	23.518	118	30.00	122	13.74	35	61.95	165	38.86	70	84.71	187	53.494	100	16.63	14
29	23.400	144	31.22	96	13.39	39	63.60	118	38.16	82	86.58	145	53.394	133	16.77	4
Aug. 8	23.256	167	32.18	66	13.00	42	64.78	68	37.34	92	88.03	96	53.261	158	16.81	5
18	23.089	182	32.84	35	12.58	44	65.46	18	36.42	99	88.99	44	53.103	178	16.76	16
28	22.907	191	33.19	4	12.14	46	65.64	35	35.43	103	89.43	9	52.925	190	16.60	26
Sept. 7	22.716	191	33.23	30	11.68	45	65.29	86	34.40	101	89.34	64	52.735	191	16.34	36
17	22.525	182	32.93	63	11.23	43	64.43	137	33.39	96	88.70	116	52.544	182	15.98	45
27	22.343	164	32.30	95	10.80	40	63.06	186	32.43	86	87.54	166	52.362	161	15.53	50
Okt. 7	22.179	137	31.35	128	10.40	36	61.20	233	31.57	73	85.88	209	52.201	131	15.03	54
17	22.042	101	30.07	160	10.04	30	58.87	274	30.84	56	83.79	244	52.070	91	14.49	52
27	21.941	58	28.47	190	9.74	23	56.13	311	30.28	36	81.35	270	51.979	44	13.97	48
Nov. 6	21.883	10	26.57	216	9.51	15	53.02	341	29.92	15	78.65	287	51.935	9	13.49	39
16	21.873	40	24.41	238	9.36	6	49.61	363	29.77	9	75.78	291	51.944	64	13.10	27
26	21.913	91	22.03	256	9.30	3	45.98	376	29.86	32	72.87	285	52.008	119	12.83	12
Dez. 6	22.004	141	19.47	266	9.33	12	42.22	379	30.18	54	70.02	268	52.127	171	12.71	6
16	22.145	185	16.81	269	9.45	21	38.43	369	30.72	74	67.34	241	52.298	219	12.77	24
26	22.330	226	14.12	263	9.66	30	34.74	348	31.46	93	64.93	207	52.517	259	13.01	42
36	22.556		11.49		9.96		31.26		32.39		62.86		52.776		13.43	
Mittl. Ort	21.561		17.11		11.98		42.31		29.18		75.21		50.814		17.91	
sec δ, tg δ	1.059		+0.350		2.106		+1.853		5.135		−5.037		1.116		−0.494	
a, *a′*	+2.6		−8.5		+0.8		−8.2		+9.2		−8.1		+3.7		−8.0	
b, *b′*	−0.01		+0.91		−0.05		+0.91		+0.14		+0.91		+0.01		+0.92	

Tag	618) β Herculis AR.		Dekl.		619) *A* Draconis AR.		Dekl.		621) σ Herculis AR.		Dekl.		622) ζ Ophiuchi AR.		Dekl.	
1942	$16^h\ 27^m$		+21° 36′		$16^h\ 28^m$		+68° 53′		$16^h\ 32^m$		+42° 33′		$16^h\ 33^m$		−10° 26′	
Jan. 1	41.959	238	56.98	261	1.29	41	35.79	327	11.926	255	21.66	315	56.336	247	54.43	124
11	42.197	268	54.37	240	1.70	49	32.52	286	12.181	296	18.51	283	56.583	272	55.67	126
21	42.465	288	51.97	210	2.19	56	29.66	237	12.477	326	15.68	242	56.855	290	56.93	123
31	42.753	300	49.87	173	2.75	62	27.29	179	12.803	347	13.26	191	57.145	300	58.16	115
Febr. 10	43.053	305	48.14	129	3.37	65	25.50	114	13.150	358	11.35	134	57.445	303	59.31	102
20	43.358	303	46.85	82	4.02	67	24.36	46	13.508	360	10.01	73	57.748	300	60.33	85
März 2	43.661	294	46.03	33	4.69	65	23.90	22	13.868	351	9.28	10	58.048	292	61.18	67
12	43.955	281	45.70	17	5.34	62	24.12	88	14.219	336	9.18	51	58.340	280	61.85	46
22	44.236	262	45.87	64	5.96	57	25.00	150	14.555	313	9.69	109	58.620	264	62.31	25
Apr. 1	44.498	240	46.51	106	6.53	50	26.50	204	14.868	284	10.78	162	58.884	247	62.56	5
11	44.738	216	47.57	143	7.03	43	28.54	250	15.152	251	12.40	206	59.131	227	62.61	12
21	44.954	189	49.00	174	7.46	34	31.04	286	15.403	214	14.46	243	59.358	204	62.49	26
Mai 1	45.143	158	50.74	196	7.80	24	33.90	311	15.617	172	16.89	269	59.562	178	62.23	38
11	45.301	127	52.70	211	8.04	14	37.01	325	15.789	129	19.58	286	59.740	151	61.85	46
21	45.428	93	54.81	218	8.18	4	40.26	328	15.918	83	22.44	294	59.891	121	61.39	52
30*)	[30] 45.521	58	56.99	218	[30] 8.22	6	43.54	321	[31] 16.001	37	25.38	291	[31] 60.012	88	60.87	55
Juni 9	45.579	22	59.17	211	8.16	16	46.75	305	16.038	9	28.29	280	60.100	53	60.32	54
19	45.601	15	61.28	199	8.00	25	49.80	280	16.029	56	31.09	262	60.153	19	59.78	53
29	45.586	51	63.27	181	7.75	34	52.60	248	15.973	100	33.71	236	60.172	18	59.25	50
Juli 9	45.535	86	65.08	158	7.41	42	55.08	210	15.873	142	36.07	205	60.154	54	58.75	47
19	45.449	118	66.66	133	6.99	48	57.18	167	15.731	180	38.12	169	60.100	86	58.28	42
29	45.331	146	67.99	103	6.51	54	58.85	120	15.551	214	39.81	129	60.014	117	57.86	37
Aug. 8	45.185	170	69.02	73	5.97	58	60.05	69	15.337	240	41.10	86	59.897	143	57.49	32
18	45.015	186	69.75	41	5.39	61	60.74	18	15.097	259	41.96	41	59.754	161	57.17	28
28	44.829	197	70.16	6	4.78	63	60.92	34	14.838	271	42.37	5	59.593	173	56.89	22
Sept. 7	44.632	198	70.22	28	4.15	61	60.58	87	14.567	271	42.32	52	59.420	176	56.67	16
17	44.434	190	69.94	63	3.54	60	59.71	138	14.296	263	41.80	99	59.244	169	56.51	8
27	44.244	172	69.31	98	2.94	56	58.33	187	14.033	243	40.81	145	59.075	152	56.43	0
Okt. 7	44.072	147	68.33	132	2.38	50	56.46	233	13.790	213	39.36	188	58.923	126	56.43	10
17	43.925	112	67.01	165	1.88	43	54.13	276	13.577	172	37.48	230	58.797	92	56.53	23
27	43.813	69	65.36	196	1.45	34	51.37	312	13.405	125	35.18	266	58.705	49	56.76	37
Nov. 6	43.744	22	63.40	223	1.11	24	48.25	343	13.280	69	32.52	298	58.656	2	57.13	53
16	43.722	29	61.17	247	0.87	13	44.82	364	13.211	9	29.54	324	58.654	48	57.66	69
26	43.751	80	58.70	264	0.74	1	41.18	378	13.202	53	26.30	341	58.702	98	58.35	86
Dez. 6	43.831	131	56.06	276	0.73	11	37.40	379	13.255	115	22.89	348	58.800	147	59.21	101
16	43.962	177	53.30	278	0.84	23	33.61	370	13.370	173	19.41	345	58.947	191	60.22	113
26	44.139	218	50.52	272	1.07	34	29.91	349	13.543	227	15.96	332	59.138	228	61.35	124
36	44.357		47.80		1.41		26.42		13.770		12.64		59.366		62.59	
Mittl. Ort	43.472		53.03		5.12		37.20		13.857		20.54		57.709		64.32	
sec δ, tg δ	1.076		+0.396		2.777		+2.591		1.358		+0.918		1.017		−0.184	
a, *a′*	+2.6		−7.9		−0.1		−7.8		+1.9		−7.5		+3.3		−7.3	
b, *b′*	−0.01		+0.92		−0.07		+0.92		−0.02		+0.93		0.00		+0.93	

*) Bei Stern 621) und 622) lies Mai 31.

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Tag	626) η Herculis				625) α Triang. austr.				627) Grb 2377 Drac				628) ε Scorpii			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$16^h\ 40^m$		$+39°\ 1'$		$16^h\ 42^m$		$-68°\ 55'$		$16^h\ 44^m$		$+56°\ 52'$		$16^h\ 46^m$		$-34°\ 11'$	
Jan. 1	52.485	240	55.68	311	27.04	57	8.55	169	8.963	279	66.43	336	22.529	280	9.28	6
11	52.725	279	52.57	283	27.61	64	6.86	132	9.242	340	63.07	302	22.809	311	9.22	12
21	53.004	309	49.74	243	28.25	69	5.54	92	9.582	389	60.05	257	23.120	334	9.34	29
31	53.313	330	47.31	197	28.94	74	4.62	50	9.971	425	57.48	203	23.454	348	9.63	42
Febr. 10	53.643	342	45.34	142	29.68	76	4.12	7	10.396	448	55.45	142	23.802	354	10.05	55
20	53.985	344	43.92	83	30.44	76	4.05	32	10.844	457	54.03	76	24.156	353	10.60	63
März 2	54.329	338	43.09	22	31.20	75	4.37	72	11.301	452	53.27	9	24.509	346	11.23	69
12	54.667	325	42.87	39	31.95	73	5.09	109	11.753	436	53.18	58	24.855	336	11.92	75
22	54.992	305	43.26	95	32.68	69	6.18	141	12.189	409	53.76	120	25.191	320	12.67	77
Apr. 1	55.297	280	44.21	148	33.37	65	7.59	172	12.598	371	54.96	177	25.511	302	13.44	79
11	55.577	251	45.69	193	34.02	59	9.31	199	12.969	326	56.73	226	25.813	279	14.23	82
21	55.828	216	47.62	229	34.61	53	11.30	221	13.295	273	58.99	266	26.092	254	15.05	82
Mai 1	56.044	179	49.91	258	35.14	45	13.51	238	13.568	215	61.65	295	26.346	226	15.87	84
11	56.223	139	52.49	275	35.59	37	15.89	252	13.783	154	64.60	314	26.572	193	16.71	84
21	56.362	96	55.24	285	35.96	27	18.41	260	13.937	90	67.74	323	26.765	156	17.55	84
31	$_2$56.458	52	58.09	284	$_2$36.23	19	21.01	261	$_3$14.027	24	70.97	321	$_3$26.921	118	18.39	83
Juni 9	56.510	8	60.93	275	36.42	8	23.62	257	14.051	40	74.18	310	27.039	77	19.22	81
19	56.518	36	63.68	259	36.50	2	26.19	246	14.011	104	77.28	290	27.116	32	20.03	77
29	56.482	80	66.27	236	36.48	12	28.65	230	13.907	165	80.18	263	27.148	12	20.80	72
Juli 9	56.402	121	68.63	207	36.36	22	30.95	205	13.742	220	82.81	229	27.136	56	21.52	62
19	56.281	160	70.70	172	36.14	31	33.00	175	13.522	272	85.10	190	27.080	98	22.14	52
29	56.121	193	72.42	135	35.83	38	34.75	140	13.250	315	87.00	146	26.982	135	22.66	39
Aug. 8	55.928	220	73.77	94	35.45	45	36.15	99	12.935	350	88.46	99	26.847	168	23.05	24
18	55.708	241	74.71	51	35.00	50	37.14	54	12.585	376	89.45	50	26.679	193	23.29	6
28	55.467	253	75.22	6	34.50	53	37.68	6	12.209	391	89.95	1	26.486	209	23.35	11
Sept. 7	55.214	257	75.28	39	33.97	54	37.74	41	11.818	394	89.94	52	26.277	213	23.24	29
17	54.957	249	74.89	84	33.43	51	37.33	89	11.424	385	89.42	104	26.064	208	22.95	45
27	54.708	232	74.05	130	32.92	47	36.44	133	11.039	362	88.38	154	25.856	189	22.50	61
Okt. 7	54.476	205	72.75	173	32.45	41	35.11	174	10.677	326	86.84	202	25.667	160	21.89	72
17	54.271	167	71.02	213	32.04	31	33.37	207	10.351	279	84.82	246	25.507	120	21.17	80
27	54.104	122	68.89	250	31.73	21	31.30	232	10.072	220	82.36	286	25.387	71	20.37	84
Nov. 6	53.982	70	66.39	283	31.52	9	28.98	248	9.852	151	79.50	320	25.316	16	19.53	82
16	53.912	12	63.56	309	31.43	4	26.50	255	9.701	76	76.30	347	25.300	43	18.71	75
26	53.900	47	60.47	328	31.47	16	23.95	251	9.625	4	72.83	365	25.343	102	17.96	65
Dez. 6	53.947	106	57.19	338	31.63	29	21.44	238	9.629	84	69.18	373	25.445	159	17.31	50
16	54.053	161	53.81	337	31.92	41	19.06	216	9.713	164	65.45	370	25.604	212	16.81	33
26	54.214	213	50.44	327	32.33	51	16.90	188	9.877	239	61.75	354	25.816	257	16.48	15
36	54.427		47.17		32.84		15.02		10.116		58.21		26.073		16.33	
Mittl. Ort	54.332		53.63		30.25		26.72		11.550		65.88		24.120		22.97	
sec δ, tg δ	1.287		+0.811		2.781		−2.595		1.830		+1.533		1.209		−0.679	
a, *a'*	+2.1		−6.8		+6.3		−6.6		+1.1		−6.5		+3.9		−6.3	
b, *b'*	−0.02		+0.94		+0.06		+0.94		−0.03		+0.95		+0.01		+0.95	

Tag	629) 49 Herculis AR.		629) Dekl.		630) ζ² Scorpii AR.		630) Dekl.		631) ζ Arae AR.		631) Dekl.		633) κ Ophiuchi AR.		633) Dekl.	
1942	16ʰ 49ᵐ		+15° 4′		16ʰ 50ᵐ		−42° 15′		16ʰ 53ᵐ		−55° 53′		16ʰ 54ᵐ		+9° 27′	
	s		″		s		″		s		″		s		″	
Jan. 1	24.779	220	18.35	238	28.001	303	35.49	52	46.436	376	46.60	123	53.773	216	56.35	213
11	24.999	250	15.97	222	28.304	340	34.97	29	46.812	426	45.37	94	53.989	245	54.22	203
21	25.249	271	13.75	199	28.644	367	34.68	7	47.238	462	44.43	63	54.234	267	52.19	183
31	25.520	286	11.76	169	29.011	383	34.61	14	47.700	488	43.80	30	54.501	281	50.36	158
Febr. 10	25.806	294	10.07	132	29.394	391	34.75	34	48.188	501	43.50	0	54.782	289	48.78	126
20	26.100	294	8.75	91	29.785	392	35.09	51	48.689	505	43.50	31	55.071	290	47.52	89
März 2	26.394	290	7.84	46	30.177	386	35.60	65	49.194	500	43.81	59	55.361	287	46.63	51
12	26.684	280	7.38	2	30.563	375	36.25	79	49.694	486	44.40	84	55.648	278	46.12	11
22	26.964	267	7.36	41	30.938	359	37.04	90	50.180	467	45.24	109	55.926	265	46.01	28
Apr. 1	27.231	249	7.77	81	31.297	339	37.94	100	50.647	440	46.33	130	56.191	250	46.29	64
11	27.480	229	8.58	117	31.636	314	38.94	108	51.087	409	47.63	150	56.441	230	46.93	95
21	27.709	205	9.75	145	31.950	286	40.02	115	51.496	370	49.13	166	56.671	209	47.88	123
Mai 1	27.914	178	11.20	168	32.236	254	41.17	121	51.866	326	50.79	179	56.880	184	49.11	143
11	28.092	150	12.88	184	32.490	218	42.38	125	52.192	276	52.58	190	57.064	156	50.54	158
21	28.242	118	14.72	193	32.708	177	43.63	128	52.468	222	54.48	197	57.220	125	52.12	166
31	28.360	84	16.65	194	32.885	133	44.91	128	52.690	163	56.45	199	57.345	93	53.78	169
Juni 9	28.444	49	18.59	191	33.018	86	46.19	127	52.853	99	58.44	198	57.438	58	55.47	166
19	28.493	12	20.50	182	33.104	37	47.46	121	52.952	34	60.42	190	57.496	22	57.13	159
29	28.505	25	22.32	168	33.141	14	48.67	113	52.986	33	62.32	179	57.518	15	58.72	147
Juli 9	28.480	61	24.00	150	33.127	62	49.80	101	52.953	97	64.11	162	57.503	51	60.19	131
19	28.419	95	25.50	128	33.065	110	50.81	86	52.856	159	65.73	139	57.452	86	61.50	114
29	28.324	126	26.78	104	32.955	153	51.67	67	52.697	215	67.12	113	57.366	117	62.64	93
Aug. 8	28.198	153	27.82	79	32.802	189	52.34	46	52.482	262	68.25	82	57.249	144	63.57	72
18	28.045	173	28.61	50	32.613	217	52.80	22	52.220	299	69.07	47	57.105	166	64.29	48
28	27.872	186	29.11	22	32.396	235	53.02	3	51.921	321	69.54	10	56.939	179	64.77	24
Sept. 7	27.686	191	29.33	7	32.161	242	52.99	29	51.600	330	69.64	29	56.760	186	65.01	0
17	27.495	186	29.26	38	31.919	235	52.70	53	51.270	322	69.35	65	56.574	182	65.01	26
27	27.309	174	28.88	69	31.684	215	52.17	77	50.948	297	68.70	101	56.392	169	64.75	53
Okt. 7	27.135	150	28.19	99	31.469	183	51.40	96	50.651	255	67.69	132	56.223	147	64.22	79
17	26.985	118	27.20	129	31.286	140	50.44	111	50.396	200	66.37	159	56.076	117	63.43	105
27	26.867	79	25.91	157	31.146	87	49.33	121	50.196	132	64.78	179	55.959	78	62.38	131
Nov. 6	26.788	35	24.34	184	31.059	25	48.12	124	50.064	54	62.99	191	55.881	34	61.07	155
16	26.753	14	22.50	208	31.034	39	46.88	123	50.010	29	61.08	195	55.847	14	59.52	177
26	26.767	64	20.42	227	31.073	105	45.65	114	50.039	114	59.13	191	55.861	62	57.75	196
Dez. 6	26.831	113	18.15	240	31.178	169	44.51	101	50.153	196	57.22	179	55.923	111	55.79	210
16	26.944	158	15.75	246	31.347	226	43.50	83	50.349	273	55.43	162	56.034	156	53.69	218
26	27.102	199	13.29	245	31.573	278	42.67	63	50.622	341	53.81	137	56.190	195	51.51	219
36	27.301		10.84		31.851		42.04		50.963		52.44		56.385		49.32	
Mittl. Ort	26.276		12.64		29.762		50.18		48.694		62.79		55.245		49.68	
sec δ, tg δ	1.036		+0.269		1.351		−0.909		1.784		−1.477		1.014		+0.167	
a, a′	+2.7		−6.1		+4.2		−6.0		+5.0		−5.7		+2.9		−5.6	
b, b′	−0.01		+0.95		+0.02		+0.95		+0.03		+0.96		0.00		+0.96	

Scheinbare Sternörter 1942

Tag	634) ε Herculis				637) η Ophiuchi *m*				639) ζ Draconis				640) α Herculis *pr*			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	16h 58m		+31° 0′		17h 7m		−15° 39′		17h 8m		+65° 46′		17h 11m		+14° 27′	
	s		"		s		"		s		"		s		"	
Jan. 1	2.402	214	42.35	294	1.431	227	6.83	82	33.39	28	71.44	349	58.525	201	24.67	233
11	2.616	251	39.41	272	1.658	257	7.65	87	33.67	37	67.95	318	58.726	231	22.34	221
21	2.867	280	36.69	240	1.915	278	8.52	87	34.04	44	64.77	277	58.957	257	20.13	200
31	3.147	300	34.29	198	2.193	294	9.39	84	34.48	51	62.00	225	59.214	275	18.13	171
Febr. 10	3.447	312	32.31	150	2.487	302	10.23	77	34.99	55	59.75	166	59.489	285	16.42	135
20	3.759	317	30.81	97	2.789	305	11.00	65	35.54	57	58.09	100	59.774	291	15.07	96
März 2	4.076	315	29.84	41	3.094	302	11.65	52	36.11	58	57.09	33	60.065	290	14.11	52
12	4.391	306	29.43	16	3.396	295	12.17	38	36.69	58	56.76	35	60.355	284	13.59	9
22	4.697	292	29.59	69	3.691	285	12.55	22	37.27	55	57.11	101	60.639	274	13.50	35
Apr. 1	4.989	272	30.28	120	3.976	272	12.77	8	37.82	50	58.12	161	60.913	260	13.85	76
11	5.261	249	31.48	164	4.248	255	12.85	5	38.32	44	59.73	213	61.173	243	14.61	111
21	5.510	221	33.12	201	4.503	235	12.80	16	38.76	38	61.86	258	61.416	222	15.72	142
Mai 1	5.731	190	35.13	229	4.738	213	12.64	23	39.14	31	64.44	292	61.638	198	17.14	166
11	5.921	156	37.42	250	4.951	186	12.41	29	39.45	22	67.36	316	61.836	170	18.80	183
21	6.077	119	39.92	260	5.137	156	12.12	32	39.67	14	70.52	329	62.006	139	20.63	194
31	6.196	79	42.52	264	5.293	123	11.80	33	39.81	4	73.81	332	62.145	105	22.57	198
Juni 9*)	6 6.275	39	45.16	258	9 5.416	88	11.47	32	9 39.85	4	77.13	325	62.250	70	24.55	195
19	6.314	3	47.74	246	5.504	50	11.15	30	39.81	13	80.38	310	10 62.320	32	26.50	188
29	6.311	44	50.20	227	5.554	10	10.85	27	39.68	22	83.48	285	62.352	6	28.38	175
Juli 9	6.267	84	52.47	202	5.564	29	10.58	24	39.46	29	86.33	254	62.346	44	30.13	157
19	6.183	122	54.49	174	5.535	66	10.34	21	39.17	36	88.87	218	62.302	80	31.70	138
29	6.061	156	56.23	140	5.469	102	10.13	18	38.81	43	91.05	175	62.222	114	33.08	114
Aug. 8	5.905	185	57.63	105	5.367	133	9.95	16	38.38	48	92.80	128	62.108	144	34.22	88
18	5.720	208	58.68	66	5.234	157	9.79	15	37.90	51	94.08	80	61.964	167	35.10	62
28	5.512	222	59.34	27	5.077	175	9.64	13	37.39	55	94.88	29	61.797	184	35.72	34
Sept. 7	5.290	229	59.61	15	4.902	183	9.51	13	36.84	56	95.17	24	61.613	193	36.06	4
17	5.061	225	59.46	56	4.719	181	9.38	11	36.28	55	94.93	77	61.420	191	36.10	26
27	4.836	212	58.90	97	4.538	169	9.27	8	35.73	53	94.16	129	61.229	182	35.84	56
Okt. 7	4.624	189	57.93	138	4.369	148	9.19	4	35.20	49	92.87	178	61.047	162	35.28	86
17	4.435	157	56.55	177	4.221	116	9.15	3	34.71	43	91.09	226	60.885	133	34.42	116
27	4.278	116	54.78	213	4.105	76	9.18	10	34.28	37	88.83	270	60.752	97	33.26	145
Nov. 6	4.162	68	52.65	246	4.029	31	9.28	21	33.91	29	86.13	308	60.655	54	31.81	172
16	4.094	17	50.19	273	3.998	18	9.49	32	33.62	19	83.05	339	60.601	7	30.09	196
26	4.077	37	47.46	294	4.016	70	9.81	45	33.43	10	79.66	361	60.594	42	28.13	216
Dez. 6	4.114	91	44.52	308	4.086	119	10.26	59	33.33	1	76.05	373	60.636	90	25.97	230
16	4.205	143	41.44	311	4.205	165	10.85	70	33.34	12	72.32	375	60.726	137	23.67	239
26	4.348	189	38.33	306	4.370	206	11.55	80	33.46	22	68.57	364	60.863	178	21.28	240
36	4.537		35.27		4.576		12.35		33.68		64.93		61.041		18.88	
Mittl. Ort	4.103		38.46		2.933		17.19		36.79		69.49		60.058		18.31	
sec δ, tg δ	1.167		+0.601		1.039		−0.280		2.438		+2.224		1.033		+0.258	
a, *a′*	+2.3		−5.4		+3.4		−4.6		+0.2		−4.5		+2.7		−4.2	
b, *b′*	−0.01		+0.96		0.00		+0.97		−0.03		+0.98		0.00		+0.98	

*) Bei Stern 640) lies Juni 10.

Tag	641) δ Herculis				643) π Herculis				644) ϑ Ophiuchi				645) β Arae			
	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ
1942	$17^h\ 12^m$		$+24°\ 54'$		$17^h\ 12^m$		$+36°\ 52'$		$17^h\ 18^m$		$-24°\ 56'$		$17^h\ 20^m$		$-55°\ 28'$	
	s		"		s		"		s		"		s		"	
Jan. 1	37.210	198	27.92	276	59.672	202	28.48	313	25.064	231	25.03	24	25.893	337	24.20	144
11	37.408	234	25.16	258	59.874	244	25.35	291	25.295	263	25.27	34	26.230	390	22.76	120
21	37.642	262	22.58	231	60.118	278	22.44	257	25.558	289	25.61	41	26.620	433	21.56	92
31	37.904	282	20.27	195	60.396	303	19.87	215	25.847	306	26.02	45	27.053	464	20.64	64
Febr. 10	38.186	296	18.32	152	60.699	321	17.72	164	26.153	317	26.47	47	27.517	484	20.00	34
20	38.482	302	16.80	103	61.020	330	16.08	109	26.470	321	26.94	45	28.001	495	19.66	6
März 2	38.784	302	15.77	52	61.350	331	14.99	49	26.791	321	27.39	42	28.496	498	19.60	21
12	39.086	296	15.25	0	61.681	325	14.50	11	27.112	316	27.81	37	28.994	491	19.81	48
22	39.382	286	15.25	51	62.006	313	14.61	68	27.428	307	28.18	32	29.485	478	20.29	73
Apr. 1	39.668	270	15.76	99	62.319	295	15.29	122	27.735	295	28.50	27	29.963	458	21.02	95
11	39.938	251	16.75	142	62.614	271	16.51	171	28.030	278	28.77	22	30.421	432	21.97	117
21	40.189	227	18.17	177	62.885	242	18.22	211	28.308	260	28.99	19	30.853	400	23.14	137
Mai 1	40.416	201	19.94	205	63.127	210	20.33	244	28.568	236	29.18	17	31.253	360	24.51	154
11	40.617	169	21.99	227	63.337	173	22.77	267	28.804	209	29.35	16	31.613	314	26.05	169
21	40.786	136	24.26	238	63.510	134	25.44	281	29.013	178	29.51	18	31.927	262	27.74	180
31	40.922	99	26.64	243	63.644	91	28.25	286	29.191	144	29.69	18	32.189	206	29.54	187
Juni 10	$_{10}$41.021	60	29.07	241	$_{10}$63.735	46	31.11	282	$_{11}$29.335	105	29.87	20	$_{12}$32.395	143	31.41	191
19	41.081	21	31.48	230	63.781	1	33.93	270	29.440	65	30.07	23	32.538	77	33.32	190
29	41.102	20	33.78	215	63.782	43	36.63	252	29.505	22	30.30	23	32.615	9	35.22	184
Juli 9	41.082	59	35.93	194	63.739	88	39.15	227	29.527	20	30.53	23	32.624	58	37.06	171
19	41.023	98	37.87	168	63.651	130	41.42	198	29.507	62	30.76	22	32.566	123	38.77	155
29	40.925	133	39.55	140	63.521	167	43.40	162	29.445	101	30.98	18	32.443	184	40.32	132
Aug. 8	40.792	162	40.95	107	63.354	199	45.02	124	29.344	135	31.16	13	32.259	237	41.64	105
18	40.630	187	42.02	73	63.155	226	46.26	83	29.209	163	31.29	8	32.022	280	42.69	73
28	40.443	205	42.75	38	62.929	243	47.09	41	29.046	184	31.37	0	31.742	310	43.42	39
Sept. 7	40.238	212	43.13	0	62.686	253	47.50	4	28.862	194	31.37	8	31.432	327	43.81	1
17	40.026	212	43.13	37	62.433	251	47.46	48	28.668	194	31.29	16	31.105	326	43.82	36
27	39.814	202	42.76	75	62.182	241	46.98	94	28.474	184	31.13	23	30.779	310	43.46	73
Okt. 7	39.612	182	42.01	113	61.941	218	46.04	137	28.290	163	30.90	29	30.469	277	42.73	107
17	39.430	152	40.88	150	61.723	187	44.67	180	28.127	130	30.61	31	30.192	228	41.66	136
27	39.278	114	39.38	183	61.536	147	42.87	220	27.997	90	30.30	32	29.964	166	40.30	161
Nov. 6	39.164	70	37.55	215	61.389	99	40.67	254	27.907	42	29.98	28	29.798	93	38.69	179
16	39.094	22	35.40	243	61.290	46	38.13	285	27.865	9	29.70	23	29.705	13	36.90	189
26	39.072	29	32.97	264	61.244	11	35.28	309	27.874	63	29.47	14	29.692	69	35.01	190
Dez. 6	39.101	80	30.33	280	61.255	67	32.19	323	27.937	115	29.33	3	29.761	151	33.11	186
16	39.181	130	27.53	287	61.322	122	28.96	329	28.052	165	29.30	9	29.912	229	31.25	173
26	39.311	174	24.66	284	61.444	174	25.67	325	28.217	208	29.39	20	30.141	298	29.52	156
36	39.485		21.82		61.618		22.42		28.425		29.59		30.439		27.96	
Mittl. Ort	38.840		22.73		61.501		24.45		26.678		36.31		28.346		38.64	
sec δ, tg δ	1.103		+0.464		1.250		+0.750		1.103		−0.465		1.764		−1.454	
a, *a'*	+2.5		−4.1		+2.1		−4.1		+3.7		−3.6		+5.0		−3.4	
b, *b'*	−0.01		+0.98		−0.01		+0.98		+0.01		+0.98		+0.02		+0.99	

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Tag	648) δ Arae AR.		648) δ Arae Dekl.		651) α Arae AR.		651) α Arae Dekl.		653) β Draconis AR.		653) β Draconis Dekl.		652) λ Scorpii AR.		652) λ Scorpii Dekl.	
1942	$17^h 25^m$		−60° 37′		$17^h 27^m$		−49° 49′		$17^h 29^m$		+52° 20′		$17^h 29^m$		−37° 3′	
	s		″		s		″		s		″		s		″	
Jan. 1	48.56	37	61.87	173	19.010	294	43.09	121	4.850	197	41.01	347	38.166	247	36.20	52
11	48.93	43	60.14	148	19.304	343	41.88	99	5.047	257	37.54	323	38.413	285	35.68	38
21	49.36	49	58.66	118	19.647	381	40.89	77	5.304	308	34.31	288	38.698	315	35.30	22
31	49.85	52	57.48	87	20.028	409	40.12	53	5.612	349	31.43	242	39.013	337	35.08	9
Febr. 10	50.37	55	56.61	54	20.437	428	39.59	29	5.961	380	29.01	188	39.350	352	34.99	$\overline{3}$
20	50.92	56	56.07	22	20.865	438	39.30	6	6.341	400	27.13	127	39.702	360	35.02	14
März 2	51.48	57	55.85	$\overline{10}$	21.303	440	39.24	$\overline{17}$	6.741	409	25.86	61	40.062	362	35.16	24
12	52.05	56	55.95	41	21.743	437	39.41	37	7.150	407	25.25	$\overline{4}$	40.424	358	35.40	32
22	52.61	55	56.36	71	22.180	427	39.78	57	7.557	395	25.29	69	40.782	351	35.72	39
Apr. 1	53.16	53	57.07	98	22.607	411	40.35	76	7.952	374	25.98	130	41.133	338	36.11	46
11	53.69	50	58.05	124	23.018	389	41.11	94	8.326	344	27.28	185	41.471	323	36.57	53
21	54.19	46	59.29	148	23.407	363	42.05	110	8.670	306	29.13	231	41.794	301	37.10	60
Mai 1	54.65	42	60.77	169	23.770	330	43.15	125	8.976	261	31.44	269	42.095	277	37.70	67
11	55.07	36	62.46	186	24.100	292	44.40	137	9.237	212	34.13	297	42.372	246	38.37	73
21	55.43	30	64.32	201	24.392	247	45.77	149	9.449	158	37.10	315	42.618	212	39.10	80
31	55.73	24	66.33	210	24.639	197	47.26	156	9.607	100	40.25	323	42.830	172	39.90	84
Juni 10	$_{13}$55.97	16	68.43	215	$_{14}$24.836	144	48.82	160	$_{14}$9.707	41	43.48	322	$_{14}$43.002	129	40.74	89
19	56.13	9	70.58	215	24.980	86	50.42	161	9.748	$\overline{19}$	46.70	311	43.131	82	41.63	91
29	56.22	1	72.73	208	25.066	25	52.03	157	9.729	79	49.81	292	43.213	34	42.54	90
Juli 9	56.23	$\overline{7}$	74.81	196	25.091	$\overline{35}$	53.60	148	9.650	136	52.73	266	43.247	$\overline{16}$	43.44	86
19	56.16	14	76.77	178	25.056	93	55.08	136	9.514	191	55.39	234	43.231	64	44.30	79
29	56.02	22	78.55	154	24.963	148	56.44	117	9.323	239	57.73	197	43.167	109	45.09	70
Aug. 8	55.80	27	80.09	124	24.815	197	57.61	94	9.084	281	59.70	154	43.058	150	45.79	57
18	55.53	33	81.33	89	24.618	236	58.55	68	8.803	315	61.24	109	42.908	184	46.36	40
28	55.20	36	82.22	51	24.382	266	59.23	39	8.488	340	62.33	60	42.724	208	46.76	23
Sept. 7	54.84	39	82.73	10	24.116	283	59.62	6	8.148	353	62.93	11	42.516	222	46.99	3
17	54.45	38	82.83	$\overline{32}$	23.833	284	59.68	$\overline{26}$	7.795	355	63.04	$\overline{41}$	42.294	225	47.02	$\overline{18}$
27	54.07	37	82.51	74	23.549	271	59.42	58	7.440	346	62.63	91	42.069	215	46.84	37
Okt. 7	53.70	33	81.77	112	23.278	244	58.84	87	7.094	322	61.72	142	41.854	193	46.47	55
17	53.37	28	80.65	147	23.034	202	57.97	114	6.772	288	60.30	190	41.661	159	45.92	70
27	53.09	20	79.18	176	22.832	148	56.83	135	6.484	242	58.40	235	41.502	114	45.22	82
Nov. 6	52.89	13	77.42	197	22.684	84	55.48	150	6.242	187	56.05	275	41.388	62	44.40	89
16	52.76	4	75.45	211	22.600	14	53.98	159	6.055	123	53.30	310	41.326	5	43.51	90
26	52.72	$\overline{6}$	73.34	216	22.586	$\overline{58}$	52.39	161	5.932	55	50.20	338	41.321	$\overline{54}$	42.61	88
Dez. 6	52.78	16	71.18	213	22.644	131	50.78	156	5.877	$\overline{17}$	46.82	356	41.375	114	41.73	82
16	52.94	24	69.05	202	22.775	200	49.22	145	5.894	88	43.26	362	41.489	170	40.91	71
26	53.18	32	67.03	185	22.975	261	47.77	130	5.982	157	39.64	358	41.659	220	40.20	58
36	53.50		65.18		23.236		46.47		6.139		36.06		41.879		39.62	
Mittl. Ort	51.41		76.36		21.235		56.57		7.184		37.04		40.016		48.33	
sec δ, tg δ	2.039		−1.777		1.550		−1.185		1.637		+1.296		1.253		−0.755	
a, *a′*	+5.4		−3.0		+4.6		−2.8		+1.4		−2.7		+4.1		−2.6	
b, *b′*	+0.02		+0.99		+0.01		+0.99		−0.01		+0.99		+0.01		+0.99	

Tag	656) α Ophiuchi AR.		656) α Ophiuchi Dekl.		654) ϑ Scorpii AR.		654) ϑ Scorpii Dekl.		658) ξ Serpentis AR.		658) ξ Serpentis Dekl.		664) ω Draconis AR.		664) ω Draconis Dekl.	
1942	17h 32m		+12° 35′		17h 33m		−42° 57′		17h 34m		−15° 21′		17h 37m		+68° 46′	
	s		″		s		″		s		″		s		″	
Jan. 1	12.874	183	69.94	223	6.856	260	33.99	88	14.212	203	39.85	73	13.40	23	69.97	357
11	13.057	215	67.71	213	7.116	303	33.11	70	14.415	234	40.58	75	13.63	33	66.40	333
21	13.272	243	65.58	195	7.419	337	32.41	53	14.649	260	41.33	75	13.96	43	63.07	297
31	13.515	263	63.63	169	7.756	362	31.88	35	14.909	279	42.08	71	14.39	52	60.10	252
Febr. 10	13.778	276	61.94	136	8.118	379	31.53	17	15.188	292	42.79	63	14.91	57	57.58	196
20	14.054	285	60.58	98	8.497	388	31.36	0	15.480	298	43.42	51	15.48	62	55.62	134
März 2	14.339	287	59.60	57	8.885	392	31.36	14	15.778	300	43.93	38	16.10	65	54.28	67
12	14.626	285	59.03	15	9.277	389	31.50	29	16.078	298	44.31	23	16.75	65	53.61	1
22	14.911	279	58.88	27	9.666	382	31.79	42	16.376	292	44.54	8	17.40	63	53.62	67
Apr. 1	15.190	268	59.15	67	10.048	369	32.21	55	16.668	283	44.62	7	18.03	59	54.29	130
11	15.458	254	59.82	103	10.417	351	32.76	68	16.951	270	44.55	20	18.62	54	55.59	188
21	15.712	236	60.85	133	10.768	329	33.44	79	17.221	253	44.35	29	19.16	48	57.47	236
Mai 1	15.948	213	62.18	159	11.097	302	34.23	90	17.474	234	44.06	37	19.64	39	59.83	276
11	16.161	188	63.77	176	11.399	269	35.13	100	17.708	209	43.69	42	20.03	31	62.59	306
21	16.349	159	65.53	187	11.668	231	36.13	109	17.917	180	43.27	43	20.34	21	65.65	326
31	16.508	126	67.40	193	11.899	188	37.22	116	18.097	149	42.84	43	20.55	11	68.91	335
Juni 10	[15] 16.634	90	69.33	192	[15] 12.087	140	38.38	121	[15] 18.246	113	42.41	40	[16] 20.66	0	72.26	335
19	16.724	52	71.25	185	12.227	90	39.59	123	18.359	74	42.01	37	20.66	10	75.61	325
29	16.776	14	73.10	174	12.317	37	40.82	122	18.433	35	41.64	31	20.56	20	78.86	308
Juli 9	16.790	26	74.84	158	12.354	17	42.04	117	18.468	7	41.33	26	20.36	29	81.94	281
19	16.764	64	76.42	139	12.337	70	43.21	107	18.461	47	41.07	21	20.07	38	84.75	248
29	16.700	101	77.81	118	12.267	120	44.28	95	18.414	86	40.86	16	19.69	45	87.23	211
Aug. 8	16.599	132	78.99	93	12.147	164	45.23	77	18.328	119	40.70	12	19.24	53	89.34	167
18	16.467	158	79.92	68	11.983	201	46.00	57	18.209	148	40.58	9	18.71	57	91.01	121
28	16.309	177	80.60	41	11.782	229	46.57	34	18.061	170	40.49	7	18.14	62	92.22	71
Sept. 7	16.132	190	81.01	14	11.553	244	46.91	9	17.891	182	40.42	5	17.52	64	92.93	19
17	15.942	193	81.15	15	11.309	248	47.00	18	17.709	186	40.37	2	16.88	64	93.12	34
27	15.749	186	81.00	44	11.061	238	46.82	43	17.523	178	40.35	1	16.24	63	92.78	86
Okt. 7	15.563	168	80.56	73	10.823	214	46.39	67	17.345	161	40.34	3	15.61	60	91.92	139
17	15.395	143	79.83	101	10.609	178	45.72	88	17.184	133	40.37	8	15.01	55	90.53	188
27	15.252	109	78.82	130	10.431	131	44.84	105	17.051	97	40.45	14	14.46	49	88.65	236
Nov. 6	15.143	68	77.52	155	10.300	75	43.79	116	16.954	54	40.59	22	13.97	40	86.29	279
16	15.075	23	75.97	180	10.225	14	42.63	122	16.900	7	40.81	32	13.57	31	83.50	314
26	15.052	24	74.17	200	10.211	51	41.41	123	16.893	42	41.13	43	13.26	19	80.36	343
Dez. 6	15.076	72	72.17	216	10.262	115	40.18	117	16.935	92	41.56	53	13.07	8	76.93	363
16	15.148	117	70.01	226	10.377	176	39.01	108	17.027	138	42.09	63	12.99	4	73.30	371
26	15.265	160	67.75	229	10.553	231	37.93	95	17.165	180	42.72	71	13.03	15	69.59	367
36	15.425		65.46		10.784		36.98		17.345		43.43		13.18		65.92	
Mittl. Ort	14.422		62.97		8.871		46.49		15.789		49.60		17.17		65.84	
sec δ, tg δ	1.025		+0.223		1.367		−0.931		1.037		−0.275		2.763		+2.576	
a, *a′*	+2.8		−2.4		+4.3		−2.3		+3.4		−2.2		−0.4		−2.0	
b, *b′*	0.00		+0.99		+0.01		+0.99		0.00		+0.99		−0.02		+1.00	

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Tag	663) ι Herculis AR.		663) ι Herculis Dekl.		661) η Pavonis AR.		661) η Pavonis Dekl.		665) β Ophiuchi AR.		665) β Ophiuchi Dekl.		670) ψ Draconis *pr* AR.		670) ψ Draconis *pr* Dekl.	
1942	$17^h\ 37^m$		$+46°\ 1'$		$17^h\ 39^m$		$-64°\ 41'$		$17^h\ 40^m$		$+4°\ 35'$		$17^h\ 42^m$		$+72°\ 10'$	
	s		″		s		″		s		″		s		″	
Jan. 1	47.449	178	75.49	338	58.78	39	42.05	204	34.800	179	31.74	180	53.46	23	44.86	358
11	47.627	230	72.11	317	59.17	46	40.01	179	34.979	211	29.94	175	53.69	36	41.28	336
21	47.857	275	68.94	285	59.63	52	38.22	150	35.190	238	28.19	162	54.05	47	37.92	302
31	48.132	311	66.09	243	60.15	57	36.72	118	35.428	257	26.57	141	54.52	58	34.90	257
Febr. 10	48.443	339	63.66	192	60.72	61	35.54	84	35.685	272	25.16	116	55.10	66	32.33	202
20	48.782	358	61.74	133	61.33	64	34.70	49	35.957	281	24.00	85	55.76	71	30.31	141
März 2	49.140	366	60.41	70	61.97	64	34.21	15	36.238	284	23.15	52	56.47	75	28.90	76
12	49.506	367	59.71	7	62.61	64	34.06	20	36.522	283	22.63	17	57.22	76	28.14	8
22	49.873	358	59.64	56	63.25	64	34.26	53	36.805	278	22.46	18	57.98	73	28.06	59
Apr. 1	50.231	342	60.20	116	63.89	61	34.79	85	37.083	269	22.64	52	58.71	70	28.65	122
11	50.573	319	61.36	170	64.50	58	35.64	115	37.352	257	23.16	82	59.41	64	29.87	180
21	50.892	288	63.06	217	65.08	54	36.79	142	37.609	242	23.98	107	60.05	56	31.67	229
Mai 1	51.180	252	65.23	255	65.62	50	38.21	168	37.851	221	25.05	128	60.61	47	33.96	270
11	51.432	211	67.78	283	66.12	43	39.89	190	38.072	197	26.33	142	61.08	36	36.66	301
21	51.643	164	70.61	303	66.55	37	41.79	208	38.269	169	27.75	152	61.44	24	39.67	322
31	51.807	116	73.64	313	66.92	29	43.87	221	38.438	139	29.27	156	61.68	12	42.89	333
Juni 10	51.923	63	76.77	312	67.21	20	46.08	229	38.577	104	30.83	155	61.80	1	46.22	333
19	^{16}51.986	10	79.89	304	^{17}67.41	12	48.37	232	^{17}38.681	66	32.38	149	^{18}61.81	12	49.55	324
29	51.996	43	82.93	288	67.53	3	50.69	229	38.747	27	33.87	139	61.69	24	52.79	308
Juli 9	51.953	96	85.81	264	67.56	6	52.98	218	38.774	12	35.26	127	61.45	35	55.87	283
19	51.857	146	88.45	234	67.50	15	55.16	201	38.762	50	36.53	112	61.10	46	58.70	252
29	51.711	191	90.79	199	67.35	23	57.17	177	38.712	87	37.65	94	60.64	54	61.22	214
Aug. 8	51.520	230	92.78	159	67.12	31	58.94	148	38.625	120	38.59	76	60.10	63	63.36	172
18	51.290	264	94.37	116	66.81	37	60.42	112	38.505	148	39.35	56	59.47	69	65.08	126
28	51.026	288	95.53	70	66.44	41	61.54	72	38.357	169	39.91	36	58.78	73	66.34	76
Sept. 7	50.738	303	96.23	22	66.03	44	62.26	29	38.188	182	40.27	15	58.05	77	67.10	26
17	50.435	306	96.45	26	65.59	45	62.55	16	38.006	185	40.42	7	57.28	77	67.36	27
27	50.129	299	96.19	76	65.14	44	62.39	61	37.821	180	40.35	29	56.51	76	67.09	80
Okt. 7	49.830	280	95.43	125	64.70	40	61.78	104	37.641	164	40.06	50	55.75	73	66.29	132
17	49.550	249	94.18	172	64.30	34	60.74	144	37.477	140	39.56	73	55.02	68	64.97	182
27	49.301	210	92.46	217	63.96	27	59.30	178	37.337	107	38.83	95	54.34	59	63.15	229
Nov. 6	49.091	161	90.29	257	63.69	18	57.52	205	37.230	67	37.88	117	53.75	51	60.86	273
16	48.930	105	87.72	292	63.51	8	55.47	224	37.163	23	36.71	137	53.24	39	58.13	311
26	48.825	43	84.80	320	63.43	3	53.23	234	37.140	24	35.34	155	52.85	27	55.02	339
Dez. 6	48.782	20	81.60	340	63.46	13	50.89	235	37.164	71	33.79	170	52.58	14	51.63	360
16	48.802	82	78.20	349	63.59	23	48.54	228	37.235	115	32.09	179	52.44	1	48.03	370
26	48.884	143	74.71	348	63.82	33	46.26	214	37.350	157	30.30	184	52.45	14	44.33	368
36	49.027		71.23		64.15		44.12		37.507		28.46		52.59		40.65	
Mittl. Ort	49.524		70.68		62.16		55.73		36.334		23.96		57.85		40.31	
sec δ, tg δ	1.441		+1.037		2.340		−2.115		1.003		+0.080		3.267		+3.111	
a, *a′*	+1.7		−1.9		+5.9		−1.7		+3.0		−1.7		−1.1		−1.5	
b, *b′*	−0.01		+1.00		+0.01		+1.00		0.00		+1.00		−0.02		+1.00	

Tag	667) μ Herculis¹)				675) 35 Draconis				671) ξ Draconis				672) ϑ Herculis			
	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ
1942	$17^h\ 44^m$		$+27°\ 45'$		$17^h\ 51^m$		$+76°\ 58'$		$17^h\ 52^m$		$+56°\ 52'$		$17^h\ 54^m$		$+37°\ 15'$	
Jan. 1	9.511	167	18.54	287	56.64	23	24.09	354	28.875	165	57.61	356	13.893	154	31.65	317
11	9.678	207	15.67	273	56.87	42	20.55	335	29.040	235	54.05	337	14.047	201	28.48	302
21	9.885	239	12.94	247	57.29	58	17.20	303	29.275	298	50.68	306	14.248	239	25.46	275
31	10.124	265	10.47	213	57.87	73	14.17	261	29.573	351	47.62	263	14.487	272	22.71	237
Febr. 10	10.389	284	8.34	171	58.60	84	11.56	208	29.924	393	44.99	211	14.759	297	20.34	192
20	10.673	297	6.63	122	59.44	94	9.48	149	30.317	424	42.88	152	15.056	315	18.42	140
März 2	10.970	303	5.41	70	60.38	98	7.99	85	30.741	442	41.36	87	15.371	326	17.02	82
12	11.273	304	4.71	16	61.36	101	7.14	18	31.183	449	40.49	21	15.697	328	16.20	22
22	11.577	298	4.55	38	62.37	99	6.96	49	31.632	442	40.28	46	16.025	325	15.98	38
Apr. 1	11.875	287	4.93	89	63.36	94	7.45	112	32.074	425	40.74	109	16.350	315	16.36	94
11	12.162	272	5.82	135	64.30	86	8.57	169	32.499	397	41.83	167	16.665	299	17.30	147
21	12.434	251	7.17	176	65.16	76	10.26	220	32.896	359	43.50	218	16.964	276	18.77	192
Mai 1	12.685	227	8.93	208	65.92	63	12.46	261	33.255	313	45.68	261	17.240	249	20.69	230
11	12.912	197	11.01	233	66.55	49	15.07	295	33.568	259	48.29	294	17.489	216	22.99	260
21	13.109	164	13.34	250	67.04	33	18.02	317	33.827	200	51.23	316	17.705	178	25.59	280
31	13.273	127	15.84	258	67.37	17	21.19	330	34.027	136	54.39	330	17.883	137	28.39	291
Juni 10	18 13.400	88	18.42	259	67.54	1	24.49	332	34.163	69	57.69	332	18.020	92	31.30	294
19*)	13.488	45	21.01	252	20 67.53	16	27.81	326	20 34.232	1	61.01	327	21 18.112	46	34.24	289
29	13.533	3	23.53	238	67.37	33	31.07	311	34.233	68	64.28	312	18.158	2	37.13	276
Juli 9	13.536	41	25.91	218	67.04	48	34.18	288	34.165	133	67.40	289	18.156	50	39.89	255
19	13.495	82	28.09	195	66.56	62	37.06	259	34.032	197	70.29	260	18.106	97	42.44	230
29	13.413	121	30.04	165	65.94	75	39.65	223	33.835	255	72.89	225	18.009	139	44.74	198
Aug. 8	13.292	156	31.69	133	65.19	86	41.88	183	33.580	305	75.14	185	17.870	178	46.72	164
18	13.136	185	33.02	99	64.33	95	43.71	138	33.275	347	76.99	140	17.692	211	48.36	124
28	12.951	207	34.01	61	63.38	101	45.09	90	32.928	380	78.39	92	17.481	236	49.60	83
Sept. 7	12.744	221	34.62	22	62.37	106	45.99	40	32.548	400	79.31	43	17.245	253	50.43	39
17	12.523	225	34.84	17	61.31	107	46.39	11	32.148	408	79.74	10	16.992	259	50.82	6
27	12.298	219	34.67	57	60.24	106	46.28	64	31.740	403	79.64	62	16.733	255	50.76	52
Okt. 7	12.079	204	34.10	98	59.18	103	45.64	116	31.337	385	79.02	114	16.478	241	50.24	97
17	11.875	178	33.12	136	58.15	95	44.48	166	30.952	353	77.88	165	16.237	217	49.27	142
27	11.697	145	31.76	174	57.20	87	42.82	214	30.599	308	76.23	213	16.020	182	47.85	184
Nov. 6	11.552	104	30.02	208	56.33	74	40.68	258	30.291	253	74.10	258	15.838	140	46.01	224
16	11.448	57	27.94	238	55.59	60	38.10	297	30.038	187	71.52	296	15.698	91	43.77	259
26	11.391	7	25.56	264	54.99	44	35.13	327	29.851	115	68.56	328	15.607	39	41.18	288
Dez. 6	11.384	44	22.92	283	54.55	27	31.86	350	29.736	38	65.28	351	15.568	17	38.30	309
16	11.428	94	20.09	293	54.28	7	28.36	363	29.698	41	61.77	363	15.585	72	35.21	322
26	11.522	141	17.16	294	54.21	11	24.73	362	29.739	119	58.14	364	15.657	124	31.99	324
36	11.663		14.22		54.32		21.11		29.858		54.50		15.781		28.75	
Mittl. Ort	11.193		12.50		62.47		18.79		31.420		52.19		15.727		25.58	
sec δ, tg δ	1.130		+0.526		4.436		+4.322		1.830		+1.533		1.256		+0.761	
a, *a′*	+2.4		−1.4		−2.7		−0.7		+1.0		−0.7		+2.1		−0.5	
b, *b′*	0.00		+1.00		−0.01		+1.00		0.00		+1.00		0.00		+1.00	

¹) Die jährliche Parallaxe (0″.111) ist bereits berücksichtigt.

*) Bei Stern 675), 671) und 672) lies Juni 20.

Tag	676) γ Draconis AR.		676) γ Draconis Dekl.		673) ν Ophiuchi AR.		673) ν Ophiuchi Dekl.		677) 67 Ophiuchi AR.		677) 67 Ophiuchi Dekl.		679) γ Sagittarii AR.		679) γ Sagittarii Dekl.	
1942	$17^h\ 55^m$		+51° 29′		$17^h\ 55^m$		−9° 45′		$17^h\ 57^m$		+2° 55′		$18^h\ 2^m$		−30° 25′	
Jan. 1	13.178	156	47.66	349	48.325	176	56.69	97	42.752	164	66.00	168	3.015	196	26.05	30
11	13.334	217	44.17	332	48.501	210	57.66	96	42.916	197	64.32	163	3.211	237	25.75	23
21	13.551	271	40.85	302	48.711	237	58.62	93	43.113	226	62.69	152	3.448	268	25.52	16
31	13.822	317	37.83	261	48.948	258	59.55	83	43.339	248	61.17	133	3.716	292	25.36	9
Febr. 10	14.139	353	35.22	210	49.206	274	60.38	70	43.587	264	59.84	111	4.008	311	25.27	6
20	14.492	379	33.12	152	49.480	284	61.08	53	43.851	274	58.73	82	4.319	323	25.21	2
März 2	14.871	395	31.60	90	49.764	289	61.61	34	44.125	281	57.91	49	4.642	331	25.19	0
12	15.266	400	30.70	24	50.053	291	61.95	13	44.406	283	57.42	16	4.973	333	25.19	1
22	15.666	397	30.46	42	50.344	289	62.08	8	44.689	281	57.26	17	5.306	332	25.20	2
Apr. 1	16.063	382	30.88	103	50.633	282	62.00	28	44.970	275	57.43	49	5.638	326	25.22	3
11	16.445	359	31.91	161	50.915	273	61.72	45	45.245	265	57.92	78	5.964	316	25.25	5
21	16.804	328	33.52	212	51.188	259	61.27	60	45.510	252	58.70	103	6.280	302	25.30	8
Mai 1	17.132	289	35.64	253	51.447	242	60.67	71	45.762	233	59.73	124	6.582	282	25.38	14
11	17.421	244	38.17	286	51.689	220	59.96	78	45.995	212	60.97	138	6.864	259	25.52	18
21	17.665	194	41.03	309	51.909	193	59.18	82	46.207	185	62.35	147	7.123	229	25.70	26
31	17.859	138	44.12	323	52.102	163	58.36	82	46.392	154	63.82	151	7.352	195	25.96	33
Juni 10	17.997	80	47.35	326	52.265	128	57.54	79	46.546	120	65.33	150	7.547	156	26.29	40
20	18.077	20	50.61	320	52.393	91	56.75	74	46.666	84	66.83	145	7.703	113	26.69	46
29	(21) 18.097	40	53.81	307	(21) 52.484	51	56.01	66	(21) 46.750	44	68.28	136	(23) 7.816	67	27.15	51
Juli 9	18.057	100	56.88	285	52.535	10	55.35	58	46.794	3	69.64	123	7.883	20	27.66	55
19	17.957	156	59.73	257	52.545	32	54.77	48	46.797	36	70.87	109	7.903	28	28.21	55
29	17.801	209	62.30	222	52.513	70	54.29	39	46.761	75	71.96	93	7.875	74	28.76	54
Aug. 8	17.592	255	64.52	184	52.443	106	53.90	30	46.686	110	72.89	74	7.801	115	29.30	50
18	17.337	293	66.36	140	52.337	138	53.60	21	46.576	139	73.63	56	7.686	152	29.80	42
28	17.044	323	67.76	94	52.199	161	53.39	12	46.437	163	74.19	37	7.534	180	30.22	32
Sept. 7	16.721	343	68.70	44	52.038	177	53.27	5	46.274	178	74.56	17	7.354	200	30.54	20
17	16.378	351	69.14	5	51.861	183	53.22	3	46.096	185	74.73	3	7.154	208	30.74	7
27	16.027	347	69.09	57	51.678	180	53.25	11	45.911	182	74.70	22	6.946	206	30.81	6
Okt. 7	15.680	330	68.52	108	51.498	166	53.36	20	45.729	169	74.48	44	6.740	191	30.75	20
17	15.350	303	67.44	158	51.332	143	53.56	28	45.560	147	74.04	64	6.549	165	30.55	31
27	15.047	262	65.86	205	51.189	111	53.84	39	45.413	116	73.40	85	6.384	129	30.24	40
Nov. 6	14.785	212	63.81	250	51.078	71	54.23	49	45.297	79	72.55	105	6.255	84	29.84	46
16	14.573	154	61.31	288	51.007	27	54.72	60	45.218	36	71.50	124	6.171	35	29.38	49
26	14.419	89	58.43	319	50.980	19	55.32	72	45.182	10	70.26	141	6.136	18	28.89	49
Dez. 6	14.330	21	55.24	342	50.999	67	56.04	82	45.192	55	68.85	156	6.154	72	28.40	46
16	14.309	48	51.82	355	51.066	112	56.86	91	45.247	100	67.29	165	6.226	124	27.94	40
26	14.357	116	48.27	358	51.178	154	57.77	98	45.347	142	65.64	171	6.350	172	27.54	33
36	14.473		44.69		51.332		58.75		45.489		63.93		6.522		27.21	
Mittl. Ort	15.440		41.97		49.910		65.47		44.303		58.07		4.845		35.97	
sec δ, tg δ	1.606		+1.257		1.015		−0.172		1.001		+0.051		1.160		−0.587	
a, *a′*	+1.4		−0.4		+3.3		−0.4		+3.0		−0.2		+3.9		+0.2	
b, *b′*	0.00		+1.00		0.00		+1.00		0.00		+1.00		0.00		+1.00	

Obere Kulmination Greenwich

Tag	680) 72 Ophiuchi AR.	680) 72 Ophiuchi Dekl.	681) o Herculis AR.	681) o Herculis Dekl.	682) μ Sagittarii AR.	682) μ Sagittarii Dekl.	688) η Serpentis AR.	688) η Serpentis Dekl.
1942	18h 4m	+9° 33′	18h 5m	+28° 45′	18h 10m	−21° 4′	18h 18m	−2° 54′
Jan. 1	34.345 153	22.55 201	15.006 144	18.73 289	15.908 175	23.94 23	16.850 148	47.54 131
11	34.498 188	20.54 195	15.150 185	15.84 275	16.083 211	24.17 26	16.998 183	58.85 129
21	34.686 218	18.59 180	15.335 220	13.09 254	16.294 241	24.43 27	17.181 212	50.14 120
31	34.904 241	16.79 158	15.555 249	10.55 222	16.535 265	24.70 26	17.393 235	51.34 107
Febr. 10	35.145 259	15.21 130	15.804 273	8.33 181	16.800 283	24.96 22	17.628 254	52.41 88
20	35.404 271	13.91 96	16.077 290	6.52 134	17.083 296	25.18 16	17.882 268	53.29 66
März 2	35.675 280	12.95 58	16.367 300	5.18 82	17.379 304	25.34 8	18.150 277	53.95 39
12	35.955 283	12.37 19	16.667 304	4.36 28	17.683 307	25.42 1	18.427 282	54.34 11
22	36.238 282	12.18 21	16.971 304	4.08 27	17.990 308	25.41 10	18.709 283	54.45 16
Apr. 1	36.520 277	12.39 59	17.275 297	4.35 79	18.298 304	25.31 18	18.992 281	54.29 42
11	36.797 267	12.98 93	17.572 285	5.14 128	18.602 296	25.13 25	19.273 274	53.87 67
21	37.064 255	13.91 123	17.857 268	6.42 170	18.898 283	24.88 29	19.547 264	53.20 87
Mai 1	37.319 236	15.14 149	18.125 246	8.12 206	19.181 268	24.59 32	19.811 249	52.33 104
11	37.555 214	16.63 167	18.371 218	10.18 234	19.449 246	24.27 31	20.060 228	51.29 115
21	37.769 187	18.30 180	18.589 187	12.52 254	19.695 219	23.96 29	20.288 205	50.14 123
31	37.956 156	20.10 185	18.776 150	15.06 266	19.914 189	23.67 25	20.493 175	48.91 124
Juni 10	38.112 122	21.95 186	18.926 110	17.72 268	20.103 153	23.42 18	20.668 142	47.67 123
20	[23] 38.234 84	23.81 181	[23] 19.036 68	20.40 265	[25] 20.256 113	23.24 12	[27] 20.810 105	46.44 117
29	38.318 44	25.62 172	19.104 23	23.05 253	20.369 70	23.12 4	20.915 66	45.27 108
Juli 9	38.362 4	27.34 157	19.127 21	25.58 236	20.439 27	23.08 2	20.981 24	44.19 97
19	38.366 37	28.91 141	19.106 65	27.94 213	20.466 18	23.10 8	21.005 17	43.22 85
29	38.329 76	30.32 121	19.041 106	30.07 186	20.448 61	23.18 11	20.988 58	42.37 70
Aug. 8	38.253 111	31.53 99	18.935 145	31.93 154	20.387 101	23.29 15	20.930 95	41.67 55
18	38.142 142	32.52 76	18.790 177	33.47 120	20.286 135	23.44 16	20.835 128	41.12 41
28	38.000 167	33.28 51	18.613 202	34.67 83	20.151 163	23.60 14	20.707 154	40.71 26
Sept. 7	37.833 183	33.79 26	18.411 219	35.50 45	19.988 182	23.74 12	20.553 173	40.45 11
17	37.650 190	34.05 1	18.192 228	35.95 4	19.806 192	23.86 9	20.380 183	40.34 4
27	37.460 189	34.06 26	17.964 226	35.99 36	19.614 190	23.95 4	20.197 183	40.38 18
Okt. 7	37.271 176	33.80 53	17.738 214	35.63 78	19.424 178	23.99 1	20.014 173	40.56 32
17	37.095 156	33.27 78	17.524 193	34.85 118	19.246 156	24.00 1	19.841 153	40.88 48
27	36.939 127	32.49 104	17.331 161	33.67 157	19.090 124	23.99 3	19.688 126	41.36 63
Nov. 6	36.812 89	31.45 130	17.170 124	32.10 193	18.966 84	23.96 2	19.562 90	41.99 78
16	36.723 47	30.15 152	17.046 79	30.17 226	18.882 39	23.94 1	19.472 50	42.77 93
26	36.676 3	28.63 172	16.967 31	27.91 254	18.843 10	23.95 4	19.422 5	43.70 106
Dez. 6	36.673 43	26.91 189	16.936 19	25.37 275	18.853 59	23.99 10	19.417 40	44.76 119
16	36.716 88	25.02 200	16.955 69	22.62 289	18.912 107	24.09 16	19.457 84	45.95 127
26	36.804 130	23.02 204	17.024 117	19.73 292	19.019 151	24.25 22	19.541 125	47.22 133
36	36.934	20.98	17.141	16.81	19.170	24.47	19.666	48.55
Mittl. Ort	35.906	14.96	16.697	11.89	17.616	32.97	18.429	55.59
sec δ, tg δ	1.014	+0.168	1.141	+0.549	1.072	−0.385	1.001	−0.051
a, *a*′	+2.8	+0.4	+2.3	+0.5	+3.6	+0.9	+3.1	+1.6
b, *b*′	0.00	+1.00	0.00	+1.00	0.00	+1.00	0.00	+1.00

Scheinbare Sternörter 1942

Tag	689) ε Sagittarii				690) 109 Herculis				695) χ Draconis[1])				691) α Telescopii			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$18^h\ 20^m$		$-34°\ 24'$		$18^h\ 21^m$		$+21°\ 44'$		$18^h\ 22^m$		$+72°\ 42'$		$18^h\ 22^m$		$-45°\ 59'$	
Jan. 1	17.379	184	41.21	64	11.877	131	38.94	257	1.86	11	37.15	362	38.032	207	59.20	134
11	17.563	226	40.57	56	12.008	169	36.37	249	1.97	26	33.53	349	38.239	257	57.86	124
21	17.789	262	40.01	50	12.177	203	33.88	232	2.23	39	30.04	326	38.496	300	56.62	111
31	18.051	290	39.51	42	12.380	232	31.56	204	2.62	50	26.78	289	38.796	336	55.51	96
Febr. 10	18.341	311	39.09	36	12.612	254	29.52	169	3.12	60	23.89	241	39.132	363	54.55	81
20	18.652	328	38.73	30	12.866	272	27.83	128	3.72	68	21.48	186	39.495	383	53.74	65
März 2	18.980	339	38.43	24	13.138	284	26.55	82	4.40	74	19.62	124	39.878	397	53.09	49
12	19.319	346	38.19	20	13.422	291	25.73	32	5.14	76	18.38	58	40.275	405	52.60	33
22	19.665	347	37.99	14	13.713	293	25.41	17	5.90	78	17.80	9	40.680	408	52.27	15
Apr. 1	20.012	344	37.85	9	14.006	290	25.58	66	6.68	75	17.89	75	41.088	404	52.12	2
11	20.356	337	37.76	2	14.296	282	26.24	110	7.43	71	18.64	136	41.492	396	52.14	19
21	20.693	325	37.74	6	14.578	269	27.34	150	8.14	65	20.00	192	41.888	381	52.33	38
Mai 1	21.018	307	37.80	14	14.847	251	28.84	183	8.79	57	21.92	239	42.269	360	52.71	55
11	21.325	285	37.94	24	15.098	228	30.67	209	9.36	47	24.31	278	42.629	332	53.26	73
21	21.610	255	38.18	35	15.326	200	32.76	229	9.83	36	27.09	308	42.961	298	53.99	90
31	21.865	221	38.53	45	15.526	167	35.05	240	10.19	24	30.17	327	43.259	256	54.89	105
Juni 10	22.086	181	38.98	56	15.693	130	37.45	243	10.43	11	33.44	337	43.515	209	55.94	119
20	22.267	137	39.54	64	15.823	91	39.88	241	10.54	1	36.81	338	43.724	157	57.13	129
29	[27] 22.404	88	40.18	71	[27] 15.914	48	42.29	232	[28] 10.53	13	40.19	329	[28] 43.881	100	58.42	136
Juli 9	22.492	39	40.89	77	15.962	5	44.61	216	10.40	26	43.48	312	43.981	41	59.78	139
19	22.531	12	41.66	78	15.967	39	46.77	197	10.14	38	46.60	287	44.022	19	61.17	137
29	22.519	61	42.44	77	15.928	79	48.74	172	9.76	48	49.47	257	44.003	78	62.54	130
Aug. 8	22.458	107	43.21	72	15.849	118	50.46	146	9.28	58	52.04	221	43.925	131	63.84	119
18	22.351	148	43.93	63	15.731	152	51.92	115	8.70	66	54.25	178	43.794	179	65.03	102
28	22.203	181	44.56	52	15.579	178	53.07	82	8.04	72	56.03	133	43.615	218	66.05	80
Sept. 7	22.022	204	45.08	37	15.401	198	53.89	49	7.32	76	57.36	84	43.397	246	66.85	56
17	21.818	217	45.45	21	15.203	208	54.38	13	6.56	80	58.20	33	43.151	261	67.41	29
27	21.601	218	45.66	3	14.995	209	54.51	22	5.76	80	58.53	20	42.890	263	67.70	1
Okt. 7	21.383	206	45.69	15	14.786	200	54.29	59	4.96	78	58.33	74	42.627	251	67.69	30
17	21.177	183	45.54	31	14.586	181	53.70	95	4.18	74	57.59	127	42.376	224	67.39	58
27	20.994	148	45.23	46	14.405	154	52.75	129	3.44	69	56.32	178	42.152	185	66.81	84
Nov. 6	20.846	105	44.77	58	14.251	119	51.46	163	2.75	60	54.54	226	41.967	135	65.97	105
16	20.741	56	44.19	66	14.132	78	49.83	194	2.15	50	52.28	271	41.832	77	64.92	122
26	20.685	2	43.53	71	14.054	33	47.89	220	1.65	39	49.57	308	41.755	14	63.70	133
Dez. 6	20.683	53	42.82	71	14.021	14	45.69	240	1.26	26	46.49	337	41.741	51	62.37	140
16	20.736	107	42.11	70	14.035	60	43.29	254	1.00	12	43.12	357	41.792	114	60.97	140
26	20.843	157	41.41	65	14.095	105	40.75	261	0.88	2	39.55	365	41.906	174	59.57	136
36	21.000		40.76		14.200		38.14		0.90		35.90		42.080		58.21	
Mittl. Ort	19.339		50.32		13.492		31.48		6.15		29.69		40.361		68.58	
sec δ, tg δ	1.212		−0.685		1.077		+0.399		3.364		+3.212		1.440		−1.036	
a, *a′*	+4.0		+1.8		+2.5		+1.9		−1.2		+1.9		+4.5		+2.0	
b, *b′*	0.00		+1.00		0.00		+1.00		+0.02		+1.00		−0.01		+1.00	

[1]) Die jährliche Parallaxe (0″.118) ist bereits berücksichtigt.

Tag	694) 39 Draconis AR.		694) Dekl.		699) α Lyrae[1]) AR.		699) Dekl.		698) ζ Pavonis AR.		698) Dekl.		703) 110 Herculis AR.		703) Dekl.	
1942	18h 23m		+58° 45′		18h 34m		+38° 43′		18h 36m		−71° 28′		18h 43m		+20° 29′	
	s		"		s		"		s		"		s		"	
Jan. 1	1.132	110	67.30	358	56.604	107	50.66	317	11.15	33	43.67	268	8.259	108	30.10	248
11	1.242	187	63.72	347	56.711	156	47.49	309	11.48	44	40.99	255	8.367	147	27.62	242
21	1.429	258	60.25	323	56.867	199	44.40	288	11.92	55	38.44	234	8.514	182	25.20	226
31	1.687	320	57.02	286	57.066	238	41.52	257	12.47	64	36.10	208	8.696	212	22.94	203
Febr. 10	2.007	374	54.16	240	57.304	271	38.95	216	13.11	71	34.02	177	8.908	238	20.91	171
20	2.381	416	51.76	184	57.575	296	36.79	167	13.82	78	32.25	144	9.146	258	19.20	131
März 2	2.797	445	49.92	122	57.871	316	35.12	111	14.60	81	30.81	108	9.404	273	17.89	88
12	3.242	462	48.70	56	58.187	327	34.01	53	15.41	83	29.73	70	9.677	284	17.01	40
22	3.704	466	48.14	10	58.514	333	33.48	8	16.24	85	29.03	31	9.961	291	16.61	8
Apr. 1	4.170	458	48.24	76	58.847	330	33.56	66	17.09	84	28.72	7	10.252	291	16.69	56
11	4.628	437	49.00	137	59.177	322	34.22	122	17.93	82	28.79	46	10.543	287	17.25	101
21	5.065	405	50.37	192	59.499	307	35.44	172	18.75	80	29.25	84	10.830	277	18.26	141
Mai 1	5.470	364	52.29	240	59.806	284	37.16	215	19.55	74	30.09	120	11.107	263	19.67	174
11	5.834	312	54.69	279	60.090	255	39.31	251	20.29	68	31.29	153	11.370	243	21.41	203
21	6.146	253	57.48	308	60.345	221	41.82	277	20.97	60	32.82	183	11.613	217	23.44	223
31	6.399	188	60.56	327	60.566	180	44.59	296	21.57	51	34.65	210	11.830	187	25.67	236
Juni 10	6.587	119	63.83	337	60.746	137	47.55	304	22.08	41	36.75	231	12.017	151	28.03	241
20	^{28}6.706	47	67.20	338	60.883	89	50.59	305	22.49	30	39.06	246	12.168	112	30.44	241
29*)	6.753	27	70.58	329	60.972	39	53.64	297	^{1}22.79	17	41.52	255	^{3}12.280	70	32.85	233
Juli 9	6.726	100	73.87	312	61.011	11	56.61	282	22.96	5	44.07	257	12.350	27	35.18	220
19	6.626	170	76.99	288	61.000	62	59.43	261	23.01	8	46.64	250	12.377	18	37.38	201
29	6.456	235	79.87	257	60.938	110	62.04	233	22.93	20	49.14	235	12.359	60	39.39	180
Aug. 8	6.221	294	82.44	221	60.828	153	64.37	202	22.73	32	51.49	214	12.299	101	41.19	153
18	5.927	345	84.65	179	60.675	193	66.39	164	22.41	42	53.63	183	12.198	136	42.72	125
28	5.582	386	86.44	133	60.482	225	68.03	124	21.99	50	55.46	146	12.062	166	43.97	93
Sept. 7	5.196	415	87.77	85	60.257	248	69.27	82	21.49	57	56.92	104	11.896	189	44.90	61
17	4.781	432	88.62	34	60.009	262	70.09	37	20.92	60	57.96	56	11.707	202	45.51	27
27	4.349	434	88.96	18	59.747	265	70.46	9	20.32	62	58.52	6	11.505	206	45.78	8
Okt. 7	3.915	424	88.78	72	59.482	258	70.37	56	19.70	61	58.58	46	11.299	201	45.70	43
17	3.491	399	88.06	125	59.224	241	69.81	103	19.09	56	58.12	95	11.098	187	45.27	78
27	3.092	361	86.81	176	58.983	213	68.78	148	18.53	49	57.17	142	10.911	162	44.49	113
Nov. 6	2.731	310	85.05	225	58.770	177	67.30	191	18.04	39	55.75	184	10.749	130	43.36	145
16	2.421	249	82.80	268	58.593	133	65.39	230	17.65	28	53.91	219	10.619	93	41.91	177
26	2.172	179	80.12	305	58.460	84	63.09	264	17.37	16	51.72	245	10.526	51	40.14	203
Dez. 6	1.993	102	77.07	335	58.376	32	60.45	292	17.21	2	49.27	262	10.475	6	38.11	226
16	1.891	21	73.72	353	58.344	22	57.53	311	17.19	12	46.65	271	10.469	39	35.85	241
26	1.870	60	70.19	362	58.366	75	54.42	319	17.31	25	43.94	270	10.508	83	33.44	249
36	1.930		66.57		58.441		51.23		17.56		41.24		10.591		30.95	
Mittl. Ort	3.707		59.85		58.411		42.86		16.23		52.62		9.847		22.19	
sec δ, tg δ	1.929		+1.649		1.282		+0.802		3.149		−2.985		1.067		+0.374	
a, a′	+0.9		+2.0		+2.0		+3.0		+7.0		+3.2		+2.6		+3.8	
b, b′	+0.01		+0.99		+0.01		+0.99		−0.03		+0.99		0.00		+0.98	

[1]) Die jährliche Parallaxe (0″124) ist bereits berücksichtigt.

*) Bei Stern 699), 698) und 703) lies Juni 30.

Scheinbare Sternörter 1942

Tag	704) λ Pavonis		705) β Lyrae		707) ο Draconis		706) σ Sagittarii	
	AR.	Dekl.	AR.	Dekl.	AR.	Dekl.	AR.	Dekl.
1942	18h 46m	−62° 15′	18h 47m	+33° 17′	18h 50m	+59° 18′	18h 51m	−26° 22′
	s	″	s	″	s	″	s	″
Jan. 1	47.35 22	16.34 232	54.525 93	47.49 299	18.222 58	70.30 356	38.317 138	6.83 27
11	47.57 31	14.02 222	54.618 139	44.50 291	18.280 138	66.74 351	38.455 178	6.56 25
21	47.88 38	11.80 207	54.757 179	41.59 275	18.418 213	63.23 333	38.633 212	6.31 25
31	48.26 43	9.73 188	54.936 216	38.84 248	18.631 281	59.90 303	38.845 242	6.06 25
Febr. 10	48.69 49	7.85 165	55.152 247	36.36 211	18.912 341	56.87 262	39.087 266	5.81 27
20	49.18 53	6.20 138	55.399 273	34.25 166	19.253 392	54.25 211	39.353 285	5.54 30
März 2	49.71 55	4.82 110	55.672 292	32.59 114	19.645 430	52.14 151	39.638 301	5.24 34
12	50.26 58	3.72 79	55.964 306	31.45 59	20.075 457	50.63 88	39.939 311	4.90 38
22	50.84 59	2.93 48	56.270 314	30.86 2	20.532 470	49.75 22	40.250 318	4.52 41
Apr. 1	51.43 59	2.45 16	56.584 316	30.84 55	21.002 472	49.53 44	40.568 321	4.11 44
11	52.02 58	2.29 16	56.900 310	31.39 107	21.474 459	49.97 107	40.889 320	3.67 45
21	52.60 57	2.45 48	57.210 299	32.46 156	21.933 435	51.04 165	41.209 313	3.22 43
Mai 1	53.17 54	2.93 80	57.509 282	34.02 199	22.368 399	52.69 217	41.522 303	2.79 40
11	53.71 49	3.73 110	57.791 258	36.01 233	22.767 354	54.86 261	41.825 285	2.39 34
21	54.20 45	4.83 139	58.049 228	38.34 260	23.121 298	57.47 295	42.110 262	2.05 26
31	54.65 40	6.22 163	58.277 193	40.94 278	23.419 235	60.42 320	42.372 233	1.79 16
Juni 10	55.05 32	7.85 185	58.470 153	43.72 288	23.654 167	63.62 336	42.605 199	1.63 5
20	55.37 24	9.70 202	58.623 109	46.60 290	23.821 94	66.98 342	42.804 160	1.58 6
30	55.61 17	11.72 213	58.732 62	49.50 284	23.915 19	70.40 340	42.964 115	1.64 17
Juli 9	^{4}55.78 7	13.85 218	^{4}58.794 14	52.34 271	^{5}23.934 56	73.80 328	^{5}43.079 68	1.81 28
19	55.85 1	16.03 217	58.808 34	55.05 253	23.878 130	77.08 308	43.147 21	2.09 36
29	55.84 10	18.20 207	58.774 81	57.58 227	23.748 201	80.16 283	43.168 27	2.45 42
Aug. 8	55.74 18	20.27 192	58.693 125	59.85 198	23.547 264	82.99 250	43.141 73	2.87 46
18	55.56 25	22.19 170	58.568 164	61.83 164	23.283 322	85.49 212	43.068 114	3.33 47
28	55.31 32	23.89 139	58.404 196	63.47 128	22.961 369	87.61 169	42.954 148	3.80 45
Sept. 7	54.99 37	25.28 103	58.208 221	64.75 88	22.592 405	89.30 123	42.806 176	4.25 39
17	54.62 40	26.31 64	57.987 236	65.63 46	22.187 430	90.53 73	42.630 193	4.64 33
27	54.22 41	26.95 21	57.751 242	66.09 3	21.757 441	91.26 20	42.437 199	4.97 23
Okt. 7	53.81 40	27.16 23	57.509 238	66.12 41	21.316 437	91.46 32	42.238 194	5.20 14
17	53.41 37	26.93 67	57.271 223	65.71 85	20.879 420	91.14 87	42.044 178	5.34 4
27	53.04 33	26.26 109	57.048 199	64.86 128	20.459 389	90.27 140	41.866 152	5.38 6
Nov. 6	52.71 26	25.17 147	56.849 167	63.58 169	20.070 346	88.87 191	41.714 117	5.32 14
16	52.45 19	23.70 178	56.682 127	61.89 208	19.724 289	86.96 238	41.597 76	5.18 19
26	52.26 10	21.92 203	56.555 82	59.81 241	19.435 224	84.58 281	41.521 29	4.99 23
Dez. 6	52.16 1	19.89 220	56.473 34	57.40 268	19.211 152	81.77 315	41.492 19	4.76 25
16	52.15 9	17.69 229	56.439 15	54.72 288	19.059 74	78.62 340	41.511 67	4.51 26
26	52.24 18	15.40 232	56.454 64	51.84 299	18.985 8	75.22 355	41.578 114	4.25 24
36	52.42	13.08	56.518	48.85	18.993	71.67	41.692	4.01
Mittl. Ort	50.90	24.08	56.219	39.18	20.712	61.11	40.163	14.00
sec δ, tg δ	2.148	−1.901	1.196	+0.657	1.960	+1.685	1.116	−0.496
a, *a′*	+5.6	+4.1	+2.2	+4.2	+0.9	+4.4	+3.7	+4.5
b, *b′*	−0.03	+0.98	+0.01	+0.98	+0.02	+0.98	−0.01	+0.97

Tag	709) ϑ Serpent. *pr*		711) *R* Lyrae		708) λ Telescopii		713) γ Lyrae	
	AR.	Dekl.	AR.	Dekl.	AR.	Dekl.	AR.	Dekl.
1942	$18^h\ 53^m$	$+4°\ 7'$	$18^h\ 53^m$	$+43°\ 51'$	$18^h\ 53^m$	$-53°\ 0'$	$18^h\ 56^m$	$+32°\ 36'$
Jan. 1	$18\overset{s}{.}559$ 110	$43\overset{''}{.}75$ 160	$32\overset{s}{.}262$ 76	$76\overset{''}{.}43$ 329	$46\overset{s}{.}819$ 180	$52\overset{''}{.}94$ 187	$44\overset{s}{.}677$ 84	$40\overset{''}{.}39$ 293
11	18.669 146	42.15 156	32.338 130	73.14 324	46.999 241	51.07 181	44.761 128	37.46 289
21	18.815 178	40.59 146	32.468 180	69.90 306	47.240 295	49.26 170	44.889 170	34.57 273
31	18.993 206	39.13 130	32.648 225	66.84 279	47.535 341	47.56 157	45.059 207	31.84 248
Febr. 10	19.199 228	37.83 108	32.873 264	64.05 239	47.876 380	45.99 140	45.266 238	29.36 212
20	19.427 248	36.75 80	33.137 297	61.66 191	48.256 411	44.59 122	45.504 265	27.24 169
März 2	19.675 262	35.95 48	33.434 323	59.75 136	48.667 434	43.37 101	45.769 286	25.55 118
12	19.937 272	35.47 15	33.757 341	58.39 77	49.101 451	42.36 80	46.055 301	24.37 64
22	20.209 280	35.32 20	34.098 351	57.62 14	49.552 462	41.56 56	46.356 311	23.73 7
Apr. 1	20.489 283	35.52 53	34.449 354	57.48 47	50.014 465	41.00 32	46.667 314	23.66 48
11	20.772 282	36.05 84	34.803 348	57.95 106	50.479 462	40.68 8	46.981 311	24.14 102
21	21.054 276	36.89 112	35.151 334	59.01 161	50.941 451	40.60 18	47.292 302	25.16 150
Mai 1	21.330 265	38.01 134	35.485 314	60.62 208	51.392 433	40.78 44	47.594 286	26.66 193
11	21.595 249	39.35 152	35.799 284	62.70 247	51.825 406	41.22 69	47.880 263	28.59 229
21	21.844 227	40.87 164	36.083 249	65.17 279	52.231 370	41.91 94	48.143 236	30.88 256
31	22.071 200	42.51 170	36.332 207	67.96 302	52.601 327	42.85 117	48.379 201	33.44 275
Juni 10	22.271 169	44.21 171	36.539 160	70.98 315	52.928 275	44.02 136	48.580 162	36.19 286
20	22.440 132	45.92 166	36.699 110	74.13 320	53.203 217	45.38 154	48.742 119	39.05 289
30	$_6$22.572 93	47.58 158	$_6$36.809 55	77.33 316	$_6$53.420 153	46.92 166	$_6$48.861 72	41.94 285
Juli 9	22.665 51	49.16 146	36.864 0	80.49 304	53.573 86	48.58 174	48.933 25	44.79 272
19	22.716 9	50.62 131	36.864 54	83.53 285	53.659 15	50.32 176	48.958 24	47.51 255
29	22.725 34	51.93 113	36.810 107	86.38 260	53.674 55	52.08 173	48.934 72	50.06 231
Aug. 8	22.691 74	53.06 94	36.703 157	88.98 229	53.619 120	53.81 162	48.862 115	52.37 202
18	22.617 110	54.00 75	36.546 201	91.27 193	53.499 180	55.43 146	48.747 155	54.39 169
28	22.507 140	54.75 53	36.345 237	93.20 154	53.319 231	56.89 124	48.592 188	56.08 134
Sept. 7	22.367 164	55.28 32	36.108 265	94.74 110	53.088 271	58.13 96	48.404 215	57.42 95
17	22.203 179	55.60 11	35.843 284	95.84 63	52.817 298	59.09 65	48.189 231	58.37 53
27	22.024 184	55.71 10	35.559 292	96.47 16	52.519 308	59.74 29	47.958 238	58.90 11
Okt. 7	21.840 180	55.61 31	35.267 289	96.63 33	52.211 303	60.03 7	47.720 236	59.01 32
17	21.660 167	55.30 52	34.978 275	96.30 83	51.908 282	59.96 43	47.484 223	58.69 76
27	21.493 144	54.78 73	34.703 250	95.47 132	51.626 246	59.53 78	47.261 201	57.93 119
Nov. 6	21.349 114	54.05 94	34.453 216	94.15 178	51.380 197	58.75 110	47.060 169	56.74 160
16	21.235 79	53.11 112	34.237 174	92.37 222	51.183 138	57.65 137	46.891 132	55.14 199
26	21.156 38	51.99 130	34.063 125	90.15 260	51.045 71	56.28 158	46.759 88	53.15 233
Dez. 6	21.118 4	50.69 144	33.938 71	87.55 292	50.974 1	54.70 173	46.671 42	50.82 261
16	21.122 46	49.25 155	33.867 15	84.63 315	50.975 72	52.97 183	46.629 7	48.21 281
26	21.168 87	47.70 161	33.852 42	81.48 328	51.047 141	51.14 185	46.636 55	45.40 293
36	21.255	46.09	33.894	78.20	51.188	49.29	46.691	42.47
Mittl. Ort	20.117	36.13	34.131	67.57	49.607	59.95	46.344	31.82
sec δ, tg δ	1.003	+0.072	1.387	+0.961	1.662	−1.328	1.187	+0.640
a, *a'*	+3.0	+4.6	+1.8	+4.6	+4.8	+4.7	+2.2	+4.9
b, *b'*	0.00	+0.97	+0.01	+0.97	−0.02	+0.97	+0.01	+0.97

Scheinbare Sternörter 1942

Tag	716) ζ Aquilae AR.	Diff.	716) ζ Aquilae Dekl.	Diff.	717) λ Aquilae AR.	Diff.	717) λ Aquilae Dekl.	Diff.	718) α Coron. austr. AR.	Diff.	718) α Coron. austr. Dekl.	Diff.	720) π Sagittarii AR.	Diff.	720) π Sagittarii Dekl.	Diff.
1942	$19^h\ 2^m$		$+13°\ 46'$		$19^h\ 3^m$		$-4°\ 57'$		$19^h\ 5^m$		$-37°\ 59'$		$19^h\ 6^m$		$-21°\ 6'$	
Jan. 1	43.045	93	41.06	210	8.619	107	68.65	104	29.559	137	41.97	103	17.139	118	56.78	2
11	43.138	131	38.96	205	8.726	143	69.69	102	29.696	182	40.94	102	17.257	156	56.80	1
21	43.269	165	36.91	194	8.869	175	70.71	94	29.878	223	39.92	99	17.413	189	56.81	1
31	43.434	194	34.97	175	9.044	203	71.65	82	30.101	258	38.93	94	17.602	219	56.80	6
Febr. 10	43.628	221	33.22	147	9.247	226	72.47	66	30.359	287	37.99	90	17.821	244	56.74	12
20	43.849	242	31.75	114	9.473	246	73.13	45	30.646	312	37.09	84	18.065	264	56.62	20
März 2	44.091	259	30.61	76	9.719	261	73.58	21	30.958	332	36.25	77	18.329	281	56.42	30
12	44.350	272	29.85	34	9.980	273	73.79	4	31.290	346	35.48	71	18.610	294	56.12	39
22	44.622	281	29.51	9	10.253	282	73.75	30	31.636	356	34.77	62	18.904	303	55.73	48
Apr. 1	44.903	286	29.60	51	10.535	287	73.45	54	31.992	362	34.15	53	19.207	308	55.25	56
11	45.189	285	30.11	91	10.822	287	72.91	77	32.354	363	33.62	42	19.515	309	54.69	62
21	45.474	280	31.02	127	11.109	283	72.14	96	32.717	358	33.20	29	19.824	306	54.07	66
Mai 1	45.754	270	32.29	157	11.392	274	71.18	111	33.075	347	32.91	15	20.130	297	53.41	67
11	46.024	253	33.86	182	11.666	259	70.07	123	33.422	330	32.76	1	20.427	283	52.74	64
21	46.277	232	35.68	200	11.925	240	68.84	128	33.752	305	32.77	18	20.710	262	52.10	59
31	46.509	204	37.68	212	12.165	214	67.56	130	34.057	274	32.95	35	20.972	237	51.51	52
Juni 10	46.713	171	39.80	217	12.379	184	66.26	126	34.331	236	33.30	51	21.209	204	50.99	41
20	46.884	135	41.97	215	12.563	148	65.00	121	34.567	192	33.81	68	21.413	166	50.58	30
30	47.019	94	44.12	209	12.711	108	63.79	110	34.759	143	34.49	81	21.579	125	50.28	18
Juli 9	[8] 47.113	52	46.21	197	[8] 12.819	66	62.69	99	[9] 34.902	91	35.30	92	[9] 21.704	80	50.10	6
19	47.165	8	48.18	181	12.885	23	61.70	85	34.993	36	36.22	101	21.784	34	50.04	5
29	47.173	35	49.99	160	12.908	20	60.85	70	35.029	19	37.23	104	21.818	14	50.09	16
Aug. 8	47.138	76	51.59	138	12.888	61	60.15	54	35.010	72	38.27	104	21.804	58	50.25	23
18	47.062	114	52.97	113	12.827	99	59.61	40	34.938	119	39.31	98	21.746	99	50.48	28
28	46.948	145	54.10	86	12.728	132	59.21	24	34.819	161	40.29	89	21.647	134	50.76	32
Sept. 7	46.803	169	54.96	59	12.596	156	58.97	11	34.658	194	41.18	75	21.513	162	51.08	33
17	46.634	186	55.55	29	12.440	173	58.86	2	34.464	216	41.93	57	21.351	181	51.41	31
27	46.448	193	55.84	0	12.267	180	58.88	15	34.248	227	42.50	37	21.170	190	51.72	28
Okt. 7	46.255	191	55.84	30	12.087	178	59.03	28	34.021	225	42.87	16	20.980	187	52.00	23
17	46.064	179	55.54	59	11.909	165	59.31	40	33.796	209	43.03	7	20.793	174	52.23	19
27	45.885	158	54.95	89	11.744	144	59.71	52	33.587	184	42.96	29	20.619	152	52.42	13
Nov. 6	45.727	130	54.06	117	11.600	115	60.23	63	33.403	147	42.67	49	20.467	121	52.55	10
16	45.597	95	52.89	143	11.485	80	60.86	74	33.256	103	42.18	67	20.346	83	52.65	7
26	45.502	56	51.46	167	11.405	40	61.60	85	33.153	52	41.51	80	20.263	41	52.72	6
Dez. 6	45.446	15	49.79	187	11.365	2	62.45	95	33.101	2	40.71	90	20.222	5	52.78	4
16	45.431	28	47.92	201	11.367	44	63.40	102	33.103	55	39.81	97	20.227	50	52.82	5
26	45.459	70	45.91	210	11.411	85	64.42	105	33.158	108	38.84	100	20.277	93	52.87	5
36	45.529		43.81		11.496		65.47		33.266		37.84		20.370		52.92	
Mittl. Ort	44.588		33.14		10.213		75.83		31.698		48.12		18.906		63.29	
sec δ, tg δ	1.030		+0.245		1.004		−0.087		1.269		−0.781		1.072		−0.386	
a, *a′*	+2.8		+5.4		+3.2		+5.5		+4.1		+5.7		+3.6		+5.7	
b, *b′*	0.00		+0.96		0.00		+0.96		−0.01		+0.96		−0.01		+0.96	

Tag	723) δ Draconis AR.		723) δ Draconis Dekl.		724) ϑ Lyrae AR.		724) ϑ Lyrae Dekl.		725) ω Aquilae AR.		725) ω Aquilae Dekl.		726) ϰ Cygni AR.		726) ϰ Cygni Dekl.	
1942	19h 12m		+67° 33′		19h 14m		+38° 1′		19h 15m		+11° 29′		19h 15m		+53° 15′	
Jan. 1	29.68 s	2	45.25 ″	354	19.510 s	57	55.17 ″	307	4.045 s	83	29.96 ″	193	43.642 s	28	49.11 ″	342
11	29.66	9	41.71	356	19.567	105	52.10	306	4.128	120	28.03	191	43.670	94	45.69	342
21	29.75	20	38.15	344	19.672	151	49.04	292	4.248	154	26.12	181	43.764	158	42.27	331
31	29.95	29	34.71	320	19.823	193	46.12	269	4.402	184	24.31	163	43.922	218	38.96	306
Febr. 10	30.24	39	31.51	284	20.016	230	43.43	235	4.586	211	22.68	137	44.140	271	35.90	270
20	30.63	46	28.67	237	20.246	262	41.08	191	4.797	233	21.31	107	44.411	318	33.20	224
März 2	31.09	52	26.30	181	20.508	289	39.17	141	5.030	251	20.24	70	44.729	356	30.96	169
12	31.61	58	24.49	120	20.797	309	37.76	85	5.281	267	19.54	31	45.085	384	29.27	108
22	32.19	60	23.29	54	21.106	323	36.91	26	5.548	277	19.23	10	45.469	404	28.19	45
Apr. 1	32.79	61	22.75	12	21.429	330	36.65	33	5.825	284	19.33	49	45.873	412	27.74	19
11	33.40	60	22.87	77	21.759	331	36.98	89	6.109	286	19.82	88	46.285	411	27.93	82
21	34.00	58	23.64	138	22.090	323	37.87	142	6.395	283	20.70	122	46.696	398	28.75	142
Mai 1	34.58	53	25.02	193	22.413	308	39.29	189	6.678	274	21.92	152	47.094	375	30.17	195
11	35.11	48	26.95	241	22.721	286	41.18	229	6.952	260	23.44	176	47.469	343	32.12	240
21	35.59	40	29.36	281	23.007	258	43.47	261	7.212	240	25.20	193	47.812	302	34.52	279
31	35.99	33	32.17	312	23.265	223	46.08	285	7.452	214	27.13	204	48.114	254	37.31	307
Juni 10	36.32	23	35.29	333	23.488	182	48.93	300	7.666	183	29.17	209	48.368	198	40.38	326
20	36.55	14	38.62	345	23.670	136	51.93	307	7.849	147	31.26	208	48.566	137	43.64	338
30	36.69	4	42.07	348	23.806	87	55.00	305	7.996	108	33.34	201	48.703	74	47.02	338
Juli 10	36.73	6	45.55	341	23.893	36	58.05	297	8.104	65	35.35	190	48.777	8	50.40	332
	10				11				11				11			
19	36.67	16	48.96	328	23.929	16	61.02	280	8.169	22	37.25	174	48.785	57	53.72	317
29	36.51	25	52.24	307	23.913	66	63.82	258	8.191	22	38.99	155	48.728	122	56.89	295
Aug. 8	36.26	34	55.31	278	23.847	115	66.40	231	8.169	64	40.54	134	48.606	181	59.84	266
18	35.92	42	58.09	243	23.732	158	68.71	198	8.105	102	41.88	109	48.425	234	62.50	232
28	35.50	48	60.52	203	23.574	195	70.69	161	8.003	135	42.97	85	48.191	281	64.82	192
Sept. 7	35.02	54	62.55	160	23.379	225	72.30	121	7.868	161	43.82	58	47.910	319	66.74	149
17	34.48	58	64.15	111	23.154	246	73.51	79	7.707	179	44.40	31	47.591	344	68.23	102
27	33.90	60	65.26	59	22.908	257	74.30	33	7.528	188	44.71	4	47.247	360	69.25	51
Okt. 7	33.30	60	65.85	6	22.651	258	74.63	12	7.340	187	44.75	24	46.887	363	69.76	0
17	32.70	60	65.91	50	22.393	248	74.51	59	7.153	178	44.51	52	46.524	353	69.76	53
27	32.10	57	65.41	104	22.145	228	73.92	106	6.975	159	43.99	79	46.171	331	69.23	106
Nov. 6	31.53	51	64.37	159	21.917	200	72.86	151	6.816	133	43.20	105	45.840	298	68.17	158
16	31.02	46	62.78	210	21.717	163	71.35	193	6.683	100	42.15	130	45.542	255	66.59	207
26	30.56	38	60.68	256	21.554	121	69.42	232	6.583	62	40.85	152	45.287	203	64.52	251
Dez. 6	30.18	29	58.12	296	21.433	74	67.10	264	6.521	22	39.33	171	45.084	144	62.01	288
16	29.89	19	55.16	328	21.359	24	64.46	288	6.499	19	37.62	186	44.940	81	59.13	318
26	29.70	9	51.88	348	21.335	26	61.58	304	6.518	59	35.76	194	44.859	14	55.95	337
36	29.61		48.40		21.361		58.54		6.577		33.82		44.845		52.58	
Mittl. Ort	32.73		34.36		21.202		45.74		5.570		22.15		45.706		38.74	
sec δ, tg δ	2.620		+2.421		1.269		+0.782		1.020		+0.203		1.672		+1.340	
a, *a′*	0.0		+6.2		+2.1		+6.4		+2.8		+6.5		+1.4		+6.5	
b, *b′*	+0.05		+0.95		+0.02		+0.95		0.00		+0.95		+0.03		+0.95	

Scheinbare Sternörter 1942

Tag	729) τ Draconis AR.		729) τ Draconis Dekl.		728) α Sagittarii AR.		728) α Sagittarii Dekl.		730) δ Aquilae AR.		730) δ Aquilae Dekl.		733) ι Cygni AR.		733) ι Cygni Dekl.	
1942	$19^h\ 16^m$		$+73°\ 14'$		$19^h\ 19^m$		$-40°\ 43'$		$19^h\ 22^m$		$+2°\ 59'$		$19^h\ 28^m$		$+51°\ 36'$	
Jan. 1	36.83	8	65.81	351	49.990	122	31.89	123	32.862	83	58.90	145	12.645	13	30.56	335
11	36.75	7	62.30	354	50.112	169	30.66	124	32.945	119	57.45	142	12.658	76	27.21	337
21	36.82	21	58.76	345	50.281	212	29.42	123	33.064	152	56.03	133	12.734	137	23.84	329
31	37.03	35	55.31	323	50.493	251	28.19	119	33.216	181	54.70	119	12.871	195	20.55	307
Febr. 10	37.38	47	52.08	288	50.744	283	27.00	113	33.397	207	53.51	98	13.066	248	17.48	273
20	37.85	58	49.20	243	51.027	311	25.87	107	33.604	229	52.53	73	13.314	295	14.75	230
März 2	38.43	67	46.77	189	51.338	334	24.80	100	33.833	248	51.80	43	13.609	334	12.45	178
12	39.10	73	44.88	128	51.672	351	23.80	90	34.081	263	51.37	10	13.943	364	10.67	118
22	39.83	77	43.60	64	52.023	365	22.90	81	34.344	274	51.27	22	14.307	386	9.49	56
Apr. 1	40.60	79	42.96	3	52.388	374	22.09	68	34.618	283	51.49	55	14.693	399	8.93	7
11	41.39	78	42.99	67	52.762	377	21.41	54	34.901	286	52.04	85	15.092	400	9.00	71
21	42.17	74	43.66	128	53.139	374	20.87	39	35.187	284	52.89	112	15.492	392	9.71	130
Mai 1	42.91	69	44.94	185	53.513	366	20.48	21	35.471	278	54.01	135	15.884	373	11.01	184
11	43.60	61	46.79	233	53.879	349	20.27	2	35.749	265	55.36	153	16.257	346	12.85	230
21	44.21	51	49.12	274	54.228	327	20.25	17	36.014	248	56.89	164	16.603	309	15.15	270
31	44.72	40	51.86	306	54.555	296	20.42	37	36.262	223	58.53	171	16.912	264	17.85	301
Juni 10	45.12	29	54.92	328	54.851	258	20.79	57	36.485	194	60.24	172	17.176	213	20.86	322
20	45.41	16	58.20	342	55.109	214	21.36	76	36.679	160	61.96	169	17.389	155	24.08	334
30	45.57	2	61.62	347	55.323	164	22.12	92	36.839	121	63.65	160	17.544	94	27.42	338
Juli 10	45.59	10	65.09	342	55.487	109	23.04	105	36.960	79	65.25	148	17.638	31	30.80	333
	11				12				13				14			
19	45.49	23	68.51	330	55.596	52	24.09	115	37.039	35	66.73	133	17.669	33	34.13	321
29	45.26	35	71.81	310	55.648	4	25.24	120	37.074	8	68.06	116	17.636	96	37.34	300
Aug. 8	44.91	47	74.91	283	55.644	60	26.44	120	37.066	50	69.22	97	17.540	154	40.34	273
18	44.44	57	77.74	250	55.584	113	27.64	117	37.016	89	70.19	78	17.386	209	43.07	241
28	43.87	65	80.24	211	55.471	157	28.81	106	36.927	122	70.97	56	17.177	256	45.48	204
Sept. 7	43.22	73	82.35	168	55.314	193	29.87	91	36.805	149	71.53	36	16.921	294	47.52	161
17	42.49	78	84.03	121	55.121	220	30.78	73	36.656	169	71.89	16	16.627	322	49.13	115
27	41.71	81	85.24	70	54.901	234	31.51	51	36.487	178	72.05	4	16.305	339	50.28	66
Okt. 7	40.90	82	85.94	17	54.667	235	32.02	26	36.309	180	72.01	25	15.966	345	50.94	15
17	40.08	81	86.11	39	54.432	224	32.28	0	36.129	170	71.76	44	15.621	338	51.09	37
27	39.27	78	85.72	93	54.208	199	32.28	25	35.959	153	71.32	63	15.283	320	50.72	90
Nov. 6	38.49	73	84.79	148	54.009	165	32.03	49	35.806	127	70.69	82	14.963	290	49.82	142
16	37.76	64	83.31	200	53.844	121	31.54	70	35.679	95	69.87	100	14.673	252	48.40	192
26	37.12	55	81.31	247	53.723	71	30.84	88	35.584	59	68.87	115	14.421	204	46.48	237
Dez. 6	36.57	44	78.84	289	53.652	17	29.96	102	35.525	19	67.72	129	14.217	149	44.11	275
16	36.13	31	75.95	321	53.635	37	28.94	113	35.506	21	66.43	140	14.068	90	41.36	307
26	35.82	17	72.74	344	53.672	91	27.81	119	35.527	60	65.03	146	13.978	27	38.29	329
36	35.65		69.30		53.763		26.62		35.587		63.57		13.951		35.00	
Mittl. Ort	40.71		54.41		52.233		36.91		34.398		51.71		14.588		19.69	
sec δ, tg δ	3.469		+3.322		1.320		−0.861		1.001		+0.052		1.610		+1.262	
a, *a′*	−1.1		+6.6		+4.2		+6.8		+3.0		+7.1		+1.5		+7.5	
b, *b′*	+0.07		+0.94		−0.02		+0.94		0.00		+0.94		+0.03		+0.93	

Tag	732) β Cygni *pr* AR.		732) β Cygni *pr* Dekl.		736) 52 Sagittarii AR.		736) 52 Sagittarii Dekl.		738) ϑ Cygni AR.		738) ϑ Cygni Dekl.		742) δ Cygni AR.		742) δ Cygni Dekl.	
1942	19h 28m		+27° 50′		19h 33m		−25° 0′		19h 34m		+50° 4′		19h 43m		+44° 59′	
Jan. 1	21.313	54	21.05	266	8.925	92	42.95	29	51.233	7	80.46	329	7.973	8	28.98	316
11	21.367	96	18.39	265	9.017	132	42.66	33	51.240	67	77.17	333	7.981	63	25.82	320
21	21.463	135	15.74	256	9.149	167	42.33	37	51.307	127	73.84	326	8.044	115	22.62	313
31	21.598	172	13.18	235	9.316	200	41.96	41	51.434	183	70.58	305	8.159	165	19.49	295
Febr. 10	21.770	204	10.83	205	9.516	228	41.55	47	51.617	234	67.53	273	8.324	212	16.54	265
20	21.974	234	8.78	168	9.744	252	41.08	53	51.851	280	64.80	231	8.536	253	13.89	225
März 2	22.208	258	7.10	122	9.996	273	40.55	60	52.131	319	62.49	180	8.789	289	11.64	176
12	22.466	277	5.88	73	10.269	290	39.95	67	52.450	350	60.69	122	9.078	318	9.88	120
22	22.743	293	5.15	21	10.559	304	39.28	72	52.800	373	59.47	60	9.396	341	8.68	61
Apr. 1	23.036	302	4.94	31	10.863	314	38.56	77	53.173	386	58.87	3	9.737	356	8.07	0
11	23.338	305	5.25	83	11.177	319	37.79	78	53.559	391	58.90	65	10.093	362	8.07	61
21	23.643	303	6.08	130	11.496	321	37.01	79	53.950	384	59.55	124	10.455	359	8.68	119
Mai 1	23.946	294	7.38	172	11.817	316	36.22	75	54.334	369	60.79	178	10.814	348	9.87	171
11	24.240	278	9.10	208	12.133	304	35.47	68	54.703	343	62.57	226	11.162	328	11.58	217
21	24.518	256	11.18	236	12.437	288	34.79	60	55.046	310	64.83	265	11.490	299	13.75	256
31	24.774	227	13.54	258	12.725	263	34.19	47	55.356	267	67.48	297	11.789	264	16.31	287
Juni 10	25.001	192	16.12	271	12.988	233	33.72	34	55.623	219	70.45	319	12.053	220	19.18	309
20	25.193	153	18.83	276	13.221	197	33.38	19	55.842	164	73.64	332	12.273	172	22.27	322
30	25.346	110	21.59	274	13.418	155	33.19	5	56.006	105	76.96	336	12.445	118	25.49	327
Juli 10	25.456	64	24.33	266	13.573	110	33.14	11	56.111	43	80.32	333	12.563	63	28.76	323
	14				16				16				18			
19	25.520	16	26.99	252	13.683	61	33.25	25	56.154	19	83.65	321	12.626	5	31.99	312
29	25.536	31	29.51	231	13.744	12	33.50	36	56.135	80	86.86	301	12.631	52	35.11	294
Aug. 8	25.505	76	31.82	206	13.756	35	33.86	45	56.055	139	89.87	276	12.579	106	38.05	270
18	25.429	117	33.88	177	13.721	80	34.31	51	55.916	191	92.63	245	12.473	156	40.75	240
28	25.312	154	35.65	145	13.641	120	34.82	54	55.725	238	95.08	208	12.317	201	43.15	204
Sept. 7	25.158	183	37.10	110	13.521	152	35.36	54	55.487	277	97.16	166	12.116	237	45.19	164
17	24.975	205	38.20	72	13.369	175	35.90	50	55.210	306	98.82	121	11.879	266	46.83	122
27	24.770	216	38.92	34	13.194	190	36.40	43	54.904	323	100.03	73	11.613	283	48.05	75
Okt. 7	24.554	219	39.26	6	13.004	192	36.83	36	54.581	330	100.76	23	11.330	290	48.80	26
17	24.335	211	39.20	47	12.812	184	37.19	26	54.251	325	100.99	29	11.040	287	49.06	23
27	24.124	195	38.73	87	12.628	166	37.45	16	53.926	309	100.70	82	10.753	273	48.83	74
Nov. 6	23.929	171	37.86	126	12.462	138	37.61	6	53.617	281	99.88	134	10.480	249	48.09	124
16	23.758	138	36.60	163	12.324	104	37.67	2	53.336	245	98.54	183	10.231	216	46.85	171
26	23.620	101	34.97	197	12.220	64	37.65	9	53.091	199	96.71	228	10.015	175	45.14	215
Dez. 6	23.519	60	33.00	227	12.156	20	37.56	16	52.892	148	94.43	268	9.840	130	42.99	254
16	23.459	17	30.73	248	12.136	24	37.40	21	52.744	91	91.75	299	9.710	79	40.45	286
26	23.442	27	28.25	263	12.160	68	37.19	25	52.653	31	88.76	323	9.631	25	37.59	308
36	23.469		25.62		12.228		36.94		52.622		85.53		9.606		34.51	
Mittl. Ort	22.857		11.96		10.755		47.81		53.096		69.39		9.674		18.00	
sec δ, tg δ	1.131		+0.528		1.104		−0.467		1.558		+1.195		1.414		+1.000	
a, *a′*	+2.4		+7.5		+3.6		+7.9		+1.6		+8.1		+1.9		+8.7	
b, *b′*	+0.01		+0.93		−0.01		+0.92		+0.03		+0.92		+0.03		+0.90	

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Tag	741) γ Aquilae				743) δ Sagittae				745) α Aquilae ¹)				747) ε Draconis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$19^h\ 43^m$		+10° 28′		$19^h\ 44^m$		+18° 23′		$19^h\ 47^m$		+8° 42′		$19^h\ 48^m$		+70° 7′	
Jan. 1	28.614	56	21.93	180	46.557	47	32.16	219	55.697	56	57.02	168	19.69	13	26.43	338
11	28.670	92	20.13	178	46.604	85	29.97	218	55.753	93	55.34	166	19.56	2	23.05	350
21	28.762	127	18.35	171	46.689	122	27.79	211	55.846	127	53.68	158	19.54	11	19.55	349
31	28.889	158	16.64	154	46.811	155	25.68	194	55.973	158	52.10	142	19.65	23	16.06	335
Febr. 10	29.047	187	15.10	132	46.966	185	23.74	169	56.131	186	50.68	121	19.88	33	12.71	308
20	29.234	212	13.78	103	47.151	213	22.05	137	56.317	212	49.47	93	20.21	44	9.63	268
März 2	29.446	235	12.75	70	47.364	237	20.68	98	56.529	233	48.54	60	20.65	52	6.95	220
12	29.681	253	12.05	32	47.601	257	19.70	55	56.762	253	47.94	24	21.17	59	4.75	164
22	29.934	269	11.73	8	47.858	274	19.15	10	57.015	268	47.70	13	21.76	64	3.11	101
Apr. 1	30.203	280	11.81	46	48.132	285	19.05	35	57.283	280	47.83	51	22.40	67	2.10	36
11	30.483	286	12.27	84	48.417	292	19.40	80	57.563	287	48.34	87	23.07	67	1.74	30
21	30.769	288	13.11	117	48.709	294	20.20	120	57.850	289	49.21	119	23.74	67	2.04	92
Mai 1	31.057	285	14.28	148	49.003	289	21.40	157	58.139	285	50.40	147	24.41	63	2.96	152
11	31.342	274	15.76	172	49.292	277	22.97	187	58.424	276	51.87	171	25.04	58	4.48	205
21	31.616	258	17.48	190	49.569	260	24.84	211	58.700	260	53.58	187	25.62	52	6.53	251
31	31.874	235	19.38	202	49.829	237	26.95	228	58.960	238	55.45	198	26.14	43	9.04	289
Juni 10	32.109	206	21.40	209	50.066	206	29.23	239	59.198	210	57.43	204	26.57	34	11.93	318
20	32.315	173	23.49	208	50.272	171	31.62	242	59.408	176	59.47	202	26.91	24	15.11	338
30	32.488	135	25.57	203	50.443	131	34.04	240	59.584	138	61.49	196	27.15	13	18.49	350
Juli 10	32.623	92	27.60	192	50.574	88	36.44	230	59.722	96	63.45	185	27.28	1	21.99	352
	18				19				19				19			
19	32.715	49	29.52	178	50.662	43	38.74	217	59.818	53	65.30	171	27.29	9	25.51	346
29	32.764	4	31.30	160	50.705	2	40.91	198	59.871	9	67.01	152	27.20	20	28.97	332
Aug. 8	32.768	39	32.90	139	50.703	46	42.89	176	59.880	35	68.53	131	27.00	31	32.29	311
18	32.729	79	34.29	115	50.657	88	44.65	151	59.845	75	69.84	110	26.69	40	35.40	283
28	32.650	115	35.44	92	50.569	124	46.16	122	59.770	110	70.94	85	26.29	48	38.23	248
Sept. 7	32.535	144	36.36	66	50.445	154	47.38	93	59.660	140	71.79	61	25.81	55	40.71	209
17	32.391	166	37.02	40	50.291	176	48.31	62	59.520	163	72.40	36	25.26	62	42.80	164
27	32.225	180	37.42	14	50.115	190	48.93	29	59.357	176	72.76	11	24.64	65	44.44	116
Okt. 7	32.045	184	37.56	13	49.925	194	49.22	4	59.181	180	72.87	14	23.99	67	45.60	63
17	31.861	178	37.43	39	49.731	190	49.18	36	59.001	175	72.73	38	23.32	67	46.23	8
27	31.683	164	37.04	65	49.541	176	48.82	70	58.826	162	72.35	63	22.65	66	46.31	48
Nov. 6	31.519	142	36.39	91	49.365	155	48.12	102	58.664	140	71.72	86	21.99	63	45.83	104
16	31.377	114	35.48	115	49.210	126	47.10	132	58.524	112	70.86	108	21.36	57	44.79	160
26	31.263	81	34.33	136	49.084	93	45.78	161	58.412	78	69.78	129	20.79	50	43.19	212
Dez. 6	31.182	43	32.97	155	48.991	55	44.17	184	58.334	42	68.49	145	20.29	42	41.07	258
16	31.139	5	31.42	169	48.936	16	42.33	204	58.292	4	67.04	159	19.87	32	38.49	297
26	31.134	33	29.73	179	48.920	23	40.29	216	58.288	34	65.45	167	19.55	21	35.52	327
36	31.167		27.94		48.943		38.13		58.322		63.78		19.34		32.25	
Mittl. Ort	30.089		14.34		48.023		23.76		57.171		49.77		22.69		13.30	
sec δ, tg δ	1.017		+0.185		1.054		+0.332		1.012		+0.153		2.941		+2.765	
a, a'	+2.9		+8.7		+2.7		+8.8		+2.9		+9.1		−0.2		+9.1	
b, b'	+0.01		+0.90		+0.01		+0.90		0.00		+0.89		+0.08		+0.89	

¹) Die jährliche Parallaxe (0.″204) ist bereits berücksichtigt.

Tag	749) β Aquilae AR.		749) β Aquilae Dekl.		748) ε Pavonis AR.		748) ε Pavonis Dekl.		750) ψ Cygni AR.		750) ψ Cygni Dekl.		751) ϑ^1 Sagittarii AR.		751) ϑ^1 Sagittarii Dekl.	
1942	$19^h 52^m$		$+6° 15'$		$19^h 53^m$		$-73° 3'$		$19^h 54^m$		$+52° 16'$		$19^h 55^m$		$-35° 25'$	
Jan. 1	26.335	51	45.07	156	49.35	8	58.46	293	5.952	29	75.37	324	55.797	70	62.58	97
11	26.386	87	43.51	154	49.43	22	55.53	299	5.923	35	72.13	334	55.867	116	61.61	104
21	26.473	121	41.97	147	49.65	35	52.54	296	5.958	97	68.79	330	55.983	157	60.57	109
31	26.594	152	40.50	132	50.00	46	49.58	286	6.055	157	65.49	315	56.140	195	59.48	113
Febr. 10	26.746	180	39.18	112	50.46	57	46.72	270	6.212	215	62.34	287	56.335	227	58.35	115
20	26.926	205	38.06	85	51.03	66	44.02	246	6.427	266	59.47	248	56.562	258	57.20	115
März 2	27.131	228	37.21	55	51.69	74	41.56	219	6.693	311	56.99	200	56.820	284	56.05	115
12	27.359	248	36.66	21	52.43	80	39.37	187	7.004	349	54.99	144	57.104	306	54.90	114
22	27.607	265	36.45	15	53.23	85	37.50	151	7.353	378	53.55	83	57.410	326	53.76	109
Apr. 1	27.872	277	36.60	50	54.08	88	35.99	113	7.731	397	52.72	21	57.736	340	52.67	104
11	28.149	285	37.10	84	54.96	90	34.86	73	8.128	406	52.51	42	58.076	350	51.63	96
21	28.434	288	37.94	114	55.86	90	34.13	30	8.534	405	52.93	103	58.426	355	50.67	84
Mai 1	28.722	286	39.08	140	56.76	89	33.83	12	8.939	393	53.96	159	58.781	353	49.83	71
11	29.008	278	40.48	162	57.65	85	33.95	55	9.332	371	55.55	210	59.134	345	49.12	55
21	29.286	264	42.10	177	58.50	80	34.50	97	9.703	339	57.65	252	59.479	330	48.57	36
31	29.550	242	43.87	187	59.30	72	35.47	137	10.042	297	60.17	288	59.809	306	48.21	16
Juni 10	29.792	215	45.74	191	60.02	64	36.84	172	10.339	249	63.05	314	60.115	275	48.05	5
20	30.007	182	47.65	189	60.66	54	38.56	204	10.588	193	66.19	331	60.390	238	48.10	26
30	30.189	145	49.54	183	61.20	41	40.60	231	10.781	133	69.50	339	60.628	193	48.36	47
Juli 10	30.334	104	51.37	172	61.61	28	42.91	250	10.914	69	72.89	340	60.821	144	48.83	64
20	^{20}30.438	61	53.09	157	^{21}61.89	15	45.41	262	^{21}10.983	4	76.29	332	^{21}60.965	92	49.47	81
29	30.499	16	54.66	140	62.04	1	48.03	266	10.987	61	79.61	317	61.057	37	50.28	94
Aug. 8	30.515	28	56.06	119	62.05	14	50.69	260	10.926	123	82.78	293	61.094	17	51.22	102
18	30.487	68	57.25	98	61.91	27	53.29	247	10.803	180	85.71	265	61.077	68	52.24	105
28	30.419	105	58.23	76	61.64	39	55.76	223	10.623	232	88.36	230	61.009	115	53.29	105
Sept. 7	30.314	135	58.99	53	61.25	49	57.99	191	10.391	275	90.66	191	60.894	155	54.34	98
17	30.179	158	59.52	30	60.76	58	59.90	151	10.116	308	92.57	147	60.739	184	55.32	87
27	30.021	173	59.82	7	60.18	64	61.41	106	9.808	332	94.04	100	60.555	204	56.19	73
Okt. 7	29.848	178	59.89	16	59.54	67	62.47	55	9.476	343	95.04	49	60.351	213	56.92	54
17	29.670	174	59.73	38	58.87	67	63.02	1	9.133	343	95.53	3	60.138	210	57.46	33
27	29.496	161	59.35	61	58.20	64	63.03	54	8.790	331	95.50	56	59.928	194	57.79	12
Nov. 6	29.335	141	58.74	81	57.56	58	62.49	106	8.459	308	94.94	110	59.734	169	57.91	9
16	29.194	113	57.93	101	56.98	49	61.43	155	8.151	276	93.84	161	59.565	135	57.82	31
26	29.081	81	56.92	120	56.49	39	59.88	198	7.875	233	92.23	209	59.430	95	57.51	49
Dez. 6	29.000	46	55.72	136	56.10	27	57.90	235	7.642	183	90.14	252	59.335	49	57.02	65
16	28.954	9	54.36	147	55.83	13	55.55	263	7.459	127	87.62	288	59.286	2	56.37	79
26	28.945	30	52.89	156	55.70	0	52.92	284	7.332	68	84.74	315	59.284	45	55.58	90
36	28.975		51.33		55.70		50.08		7.264		81.59		59.329		54.68	
Mittl. Ort	27.805		38.05		55.25		59.49		7.771		63.31		57.863		65.16	
sec δ, tg δ	1.006		+0.110		3.433		−3.285		1.635		+1.293		1.227		−0.712	
a, *a'*	+2.9		+9.4		+6.9		+9.6		+1.6		+9.6		+3.9		+9.7	
b, *b'*	0.00		+0.88		−0.10		+0.88		+0.04		+0.88		−0.02		+0.87	

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Tag	752) γ Sagittae AR.	Δ	752) γ Sagittae Dekl.	Δ	754) δ Pavonis AR.	Δ	754) δ Pavonis Dekl.	Δ	756) ϑ Aquilae AR.	Δ	756) ϑ Aquilae Dekl.	Δ	759) ϰ Cephei AR.	Δ	759) ϰ Cephei Dekl.	Δ
1942	$19^h\ 56^m$		$+19°\ 19'$		$20^h\ 2^m$		$-66°\ 19'$		$20^h\ 8^m$		$-0°\ 59'$		$20^h\ 10^m$		$+77°\ 32'$	
Jan. 1	9.148	35	68.95	219	59.00	7	56.24	261	17.252	42	35.72	110	48.58	37	30.48	320
11	9.183	73	66.76	220	59.07	16	53.63	271	17.294	76	36.82	107	48.21	18	27.28	339
21	9.256	110	64.56	214	59.23	25	50.92	271	17.370	110	37.89	99	48.03	2	23.89	346
31	9.366	143	62.42	197	59.48	34	48.21	265	17.480	140	38.88	86	48.05	21	20.43	339
Febr. 10	9.509	175	60.45	174	59.82	41	45.56	253	17.620	169	39.74	69	48.26	39	17.04	320
20	9.684	205	58.71	142	60.23	48	43.03	236	17.789	196	40.43	47	48.65	56	13.84	288
März 2	9.889	229	57.29	104	60.71	53	40.67	214	17.985	219	40.90	22	49.21	72	10.96	245
12	10.118	252	56.25	61	61.24	59	38.53	188	18.204	240	41.12	6	49.93	84	8.51	194
22	10.370	270	55.64	16	61.83	62	36.65	157	18.444	259	41.06	36	50.77	94	6.57	136
Apr. 1	10.640	284	55.48	30	62.45	65	35.08	124	18.703	273	40.70	64	51.71	100	5.21	73
11	10.924	293	55.78	74	63.10	67	33.84	89	18.976	285	40.06	91	52.71	102	4.48	9
21	11.217	296	56.52	117	63.77	68	32.95	51	19.261	290	39.15	114	53.73	102	4.39	55
Mai 1	11.513	293	57.69	154	64.45	66	32.44	12	19.551	291	38.01	135	54.75	99	4.94	116
11	11.806	284	59.23	186	65.11	65	32.32	28	19.842	286	36.66	150	55.74	91	6.10	171
21	12.090	267	61.09	212	65.76	62	32.60	68	20.128	274	35.16	160	56.65	82	7.81	221
31	12.357	245	63.21	230	66.38	56	33.28	105	20.402	256	33.56	165	57.47	69	10.02	264
Juni 10	12.602	216	65.51	242	66.94	51	34.33	141	20.658	230	31.91	165	58.16	56	12.66	298
20	12.818	181	67.93	246	67.45	43	35.74	173	20.888	200	30.26	160	58.72	40	15.64	324
30	12.999	141	70.39	246	67.88	35	37.47	201	21.088	163	28.66	150	59.12	24	18.88	342
Juli 10	13.140	99	72.85	238	68.23	25	39.48	223	21.251	124	27.16	139	59.36	7	22.30	350
20	[21] 13.239	53	75.23	224	[23] 68.48	15	41.71	238	[25] 21.375	80	25.77	123	[25] 59.43	11	25.80	351
29	13.292	8	77.47	206	68.63	5	44.09	245	21.455	35	24.54	105	59.32	27	29.31	343
Aug. 8	13.300	37	79.53	185	68.68	6	46.54	244	21.490	9	23.49	87	59.05	44	32.74	328
18	13.263	79	81.38	160	68.62	16	48.98	235	21.481	50	22.62	67	58.61	58	36.02	306
28	13.184	116	82.98	132	68.46	24	51.33	217	21.431	89	21.95	49	58.03	72	39.08	276
Sept. 7	13.068	148	84.30	102	68.22	33	53.50	191	21.342	121	21.46	30	57.31	84	41.84	242
17	12.920	172	85.32	71	67.89	40	55.41	157	21.221	146	21.16	11	56.47	94	44.26	201
27	12.748	187	86.03	38	67.49	44	56.98	116	21.075	163	21.05	5	55.53	101	46.27	156
Okt. 7	12.561	194	86.41	5	67.05	46	58.14	71	20.912	171	21.10	22	54.52	106	47.83	106
17	12.367	191	86.46	30	66.59	47	58.85	22	20.741	169	21.32	37	53.46	109	48.89	53
27	12.176	179	86.16	63	66.12	44	59.07	27	20.572	159	21.69	51	52.37	109	49.42	3
Nov. 6	11.997	160	85.53	96	65.68	41	58.80	77	20.413	141	22.20	65	51.28	105	49.39	61
16	11.837	133	84.57	127	65.27	35	58.03	123	20.272	115	22.85	78	50.23	100	48.78	117
26	11.704	101	83.30	156	64.92	26	56.80	165	20.157	85	23.63	90	49.23	90	47.61	172
Dez. 6	11.603	66	81.74	182	64.66	19	55.15	200	20.072	52	24.53	99	48.33	79	45.89	223
16	11.537	27	79.92	201	64.47	9	53.15	229	20.020	16	25.52	107	47.54	64	43.66	268
26	11.510	12	77.91	216	64.38	2	50.86	251	20.004	21	26.59	109	46.90	48	40.98	304
36	11.522		75.75		64.40		48.35		20.025		27.68		46.42		37.94	
Mittl. Ort	10.584		60.41		63.31		56.43		18.731		41.48		52.68		15.69	
sec δ, tg δ	1.060		+0.351		2.491		−2.282		1.000		−0.017		4.634		+4.525	
a, *a'*	+2.7		+9.7		+5.7		+10.3		+3.1		+10.6		−2.0		+10.8	
b, *b'*	+0.01		+0.87		−0.08		+ 0.86		0.00		+ 0.85		+0.16		+ 0.84	

Tag	757) 31 o¹ Cygni				760) 24 Vulpeculae				761) α² Capricorni				765) γ Cygni			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$20^h\ 11^m$		$+46°\ 33'$		$20^h\ 14^m$		$+24°\ 29'$		$20^h\ 14^m$		$-12°\ 43'$		$20^h\ 20^m$		$+40°\ 4'$	
Jan. 1	46.647	33	64.72	304	16.700	11	38.14	234	48.667	42	29.77	39	7.263	25	23.91	284
11	46.614	21	61.68	316	16.711	50	35.80	239	48.709	79	30.16	34	7.238	22	21.07	295
21	46.635	74	58.52	316	16.761	87	33.41	235	48.788	111	30.50	25	7.260	69	18.12	295
31	46.709	128	55.36	303	16.848	124	31.06	221	48.899	143	30.75	15	7.329	116	15.17	283
Febr. 10	46.837	178	52.33	278	16.972	159	28.85	198	49.042	172	30.90	1	7.445	159	12.34	260
20	47.015	225	49.55	244	17.131	190	26.87	166	49.214	199	30.91	15	7.604	202	9.74	228
März 2	47.240	267	47.11	199	17.321	220	25.21	129	49.413	223	30.76	32	7.806	240	7.46	185
12	47.507	303	45.12	146	17.541	246	23.92	84	49.636	245	30.44	51	8.046	273	5.61	135
22	47.810	333	43.66	89	17.787	269	23.08	36	49.881	265	29.93	70	8.319	301	4.26	81
Apr. 1	48.143	355	42.77	29	18.056	285	22.72	12	50.146	280	29.23	87	8.620	322	3.45	24
11	48.498	368	42.48	32	18.341	298	22.84	61	50.426	292	28.36	102	8.942	338	3.21	34
21	48.866	373	42.80	91	18.639	304	23.45	107	50.718	301	27.34	115	9.280	344	3.55	90
Mai 1	49.239	367	43.71	146	18.943	304	24.52	149	51.019	302	26.19	123	9.624	342	4.45	143
11	49.606	353	45.17	195	19.247	296	26.01	186	51.321	298	24.96	127	9.966	332	5.88	190
21	49.959	329	47.12	239	19.543	281	27.87	217	51.619	287	23.69	128	10.298	313	7.78	230
31	50.288	296	49.51	274	19.824	260	30.04	240	51.906	270	22.41	123	10.611	286	10.08	263
Juni 10	50.584	256	52.25	301	20.084	232	32.44	256	52.176	246	21.18	115	10.897	252	12.71	289
20	50.840	208	55.26	320	20.316	197	35.00	265	52.422	216	20.03	104	11.149	211	15.60	306
30	51.048	156	58.46	330	20.513	157	37.65	268	52.638	179	18.99	90	11.360	164	18.66	315
Juli 10	51.204	100	61.76	331	20.670	114	40.33	263	52.817	138	18.09	74	11.524	113	21.81	317
20	25 51.304	41	65.07	325	26 20.784	67	42.96	252	26 52.955	94	17.35	56	28 11.637	60	24.98	310
29	51.345	18	68.32	312	20.851	20	45.48	235	53.049	48	16.79	40	11.697	6	28.08	297
Aug. 8	51.327	76	71.44	292	20.871	26	47.83	215	53.097	2	16.39	23	11.703	47	31.05	277
18	51.251	129	74.36	265	20.845	70	49.98	190	53.099	41	16.16	7	11.656	97	33.82	251
28	51.122	178	77.01	233	20.775	110	51.88	162	53.058	82	16.09	7	11.559	143	36.33	221
Sept. 7	50.944	219	79.34	197	20.665	144	53.50	130	52.976	116	16.16	18	11.416	182	38.54	186
17	50.725	253	81.31	155	20.521	171	54.80	97	52.860	143	16.34	28	11.234	213	40.40	147
27	50.472	277	82.86	110	20.350	190	55.77	62	52.717	162	16.62	35	11.021	237	41.87	105
Okt. 7	50.195	290	83.96	63	20.160	199	56.39	25	52.555	171	16.97	39	10.784	249	42.92	60
17	49.905	293	84.59	12	19.961	200	56.64	13	52.384	171	17.36	44	10.535	253	43.52	13
27	49.612	285	84.71	38	19.761	191	56.51	50	52.213	161	17.80	45	10.282	247	43.65	34
Nov. 6	49.327	267	84.33	90	19.570	175	56.01	87	52.052	142	18.25	47	10.035	231	43.31	83
16	49.060	241	83.43	140	19.395	152	55.14	123	51.910	118	18.72	48	9.804	208	42.48	129
26	48.819	206	82.03	187	19.243	122	53.91	156	51.792	87	19.20	47	9.596	176	41.19	173
Dez. 6	48.613	164	80.16	229	19.121	88	52.35	186	51.705	52	19.67	47	9.420	140	39.46	214
16	48.449	118	77.87	265	19.033	51	50.49	211	51.653	16	20.14	46	9.280	98	37.32	247
26	48.331	66	75.22	294	18.982	13	48.38	228	51.637	22	20.60	43	9.182	54	34.85	274
36	48.265		72.28		18.969		46.10		51.659		21.03		9.128		32.11	
Mittl. Ort	48.230		52.61		18.085		28.85		50.252		33.68		8.711		12.38	
sec δ, tg δ	1.454		+1.056		1.099		+0.456		1.025		−0.226		1.307		+0.841	
a, *a'*	+1.9		+10.9		+2.6		+11.1		+3.3		+11.1		+2.2		+11.5	
b, *b'*	+0.04		+ 0.84		+0.02		+ 0.83		−0.01		+ 0.83		+0.03		+ 0.82	

Scheinbare Sternörter 1942

Tag	764) α Pavonis				767) ϑ Cephei			
	AR.		Dekl.		AR.		Dekl.	
1942	20h 21m		−56° 54′		20h 28m		+62° 47′	
Jan. 1	1.136	32	83.14	218	34.67	14	70.03	314
11	1.168	100	80.96	230	34.53	6	66.89	334
21	1.268	165	78.66	237	34.47	2	63.55	341
31	1.433	225	76.29	239	34.49	10	60.14	336
Febr. 10	1.658	281	73.90	234	34.59	19	56.78	318
20	1.939	330	71.56	225	34.78	27	53.60	287
März 2	2.269	375	69.31	212	35.05	34	50.73	245
12	2.644	415	67.19	194	35.39	40	48.28	195
22	3.059	447	65.25	174	35.79	46	46.33	137
Apr. 1	3.506	474	63.51	149	36.25	49	44.96	75
11	3.980	493	62.02	121	36.74	52	44.21	11
21	4.473	504	60.81	90	37.26	52	44.10	52
Mai 1	4.977	505	59.91	58	37.78	52	44.62	114
11	5.482	498	59.33	23	38.30	49	45.76	170
21	5.980	479	59.10	12	38.79	46	47.46	221
31	6.459	449	59.22	47	39.25	41	49.67	264
Juni 10	6.908	409	59.69	82	39.66	35	52.31	299
20	7.317	358	60.51	115	40.01	28	55.30	326
30	7.675	297	61.66	144	40.29	21	58.56	344
Juli 10	7.972	228	63.10	169	40.50	12	62.00	354
20	8.200	154	64.79	189	40.62	4	65.54	354
29*)	^{28}8.354	76	66.68	203	^{30}40.66	4	69.08	348
Aug. 8	8.430	3	68.71	208	40.62	12	72.56	332
18	8.427	80	70.79	207	40.50	21	75.88	311
28	8.347	151	72.86	198	40.29	27	78.99	282
Sept. 7	8.196	215	74.84	181	40.02	34	81.81	247
17	7.981	266	76.65	157	39.68	39	84.28	206
27	7.715	304	78.22	125	39.29	43	86.34	161
Okt. 7	7.411	327	79.47	88	38.86	45	87.95	112
17	7.084	332	80.35	48	38.41	47	89.07	59
27	6.752	322	80.83	5	37.94	47	89.66	3
Nov. 6	6.430	295	80.88	38	37.47	46	89.69	53
16	6.135	255	80.50	80	37.01	42	89.16	110
26	5.880	203	79.70	118	36.59	38	88.06	165
Dez. 6	5.677	142	78.52	153	36.21	33	86.41	216
16	5.535	76	76.99	182	35.88	27	84.25	261
26	5.459	7	75.17	205	35.61	20	81.64	297
36	5.452		73.12		35.41		78.67	
Mittl. Ort	4.280		81.96		36.64		55.54	
sec δ, tg δ	1.832		−1.535		2.188		+1.946	
a, *a*′	+4.7		+11.6		+1.0		+12.1	
b, *b*′	−0.06		+ 0.82		+0.08		+ 0.80	

Tag	768) ε Delphini				770) 73 Draconis			
	AR.		Dekl.		AR.		Dekl.	
1942	20h 30m		+11° 6′		20h 32m		+74° 45′	
Jan. 1	25.119	11	25.16	167	14.63	35	38.01	307
11	25.130	46	23.49	169	14.28	20	34.94	332
21	25.176	80	21.80	163	14.08	5	31.62	344
31	25.256	112	20.17	151	14.03	11	28.18	342
Febr. 10	25.368	144	18.66	132	14.14	26	24.76	328
20	25.512	172	17.34	106	14.40	40	21.48	301
März 2	25.684	200	16.28	74	14.80	54	18.47	263
12	25.884	226	15.54	40	15.34	65	15.84	214
22	26.110	248	15.14	1	15.99	75	13.70	158
Apr. 1	26.358	266	15.13	38	16.74	80	12.12	97
11	26.624	281	15.51	75	17.54	85	11.15	33
21	26.905	291	16.26	111	18.39	85	10.82	30
Mai 1	27.196	294	17.37	142	19.24	84	11.12	93
11	27.490	291	18.79	169	20.08	80	12.05	151
21	27.781	281	20.48	191	20.88	73	13.56	203
31	28.062	265	22.39	205	21.61	65	15.59	249
Juni 10	28.327	241	24.44	214	22.26	54	18.08	287
20	28.568	211	26.58	217	22.80	41	20.95	318
30	28.779	176	28.75	214	23.21	29	24.13	339
Juli 10	28.955	136	30.89	206	23.50	16	27.52	352
20	29.091	92	32.95	193	23.66	1	31.04	357
29*)	^{30}29.183	48	34.88	176	^{31}23.67	14	34.61	353
Aug. 8	29.231	4	36.64	157	23.53	26	38.14	342
18	29.235	40	38.21	135	23.27	39	41.56	323
28	29.195	79	39.56	110	22.88	52	44.79	297
Sept. 7	29.116	113	40.66	85	22.36	62	47.76	266
17	29.003	141	41.51	60	21.74	70	50.42	227
27	28.862	160	42.11	33	21.04	78	52.69	183
Okt. 7	28.702	171	42.44	6	20.26	83	54.52	135
17	28.531	174	42.50	20	19.43	87	55.87	82
27	28.357	168	42.30	46	18.56	87	56.69	27
Nov. 6	28.189	154	41.84	72	17.69	85	56.96	31
16	28.035	133	41.12	95	16.84	82	56.65	90
26	27.902	107	40.17	118	16.02	76	55.75	146
Dez. 6	27.795	77	38.99	137	15.26	67	54.29	200
16	27.718	43	37.62	153	14.59	56	52.29	248
26	27.675	9	36.09	165	14.03	44	49.81	289
36	27.666		34.44		13.59		46.92	
Mittl. Ort	26.467		18.04		17.69		22.36	
sec δ, tg δ	1.019		+0.196		3.803		+3.669	
a, *a*′	+2.9		+12.2		−0.8		+12.4	
b, *b*′	+0.01		+ 0.79		+0.15		+ 0.79	

*) Bei Stern 767), 768) und 770) lies Juli 30.

Tag	769) α Indi AR.		769) α Indi Dekl.		771) β Delphini *m* AR.		771) β Delphini *m* Dekl.		773) υ Capricorni AR.		773) υ Capricorni Dekl.		774) α Delphini AR.		774) α Delphini Dekl.	
1942	20ʰ 33ᵐ		−47° 29′		20ʰ 34ᵐ		+14° 23′		20ʰ 36ᵐ		−18° 20′		20ʰ 36ᵐ		+15° 42′	
	s		″		s		″		s		″		s		″	
Jan. 1	27.250	21	44.61	167	48.375	4	39.84	183	43.373	23	37.15	3	55.266	1	30.66	187
11	27.271	74	42.94	182	48.379	39	38.01	183	43.396	58	37.18	5	55.267	36	28.79	190
21	27.345	125	41.12	191	48.418	73	36.18	179	43.454	93	37.13	16	55.303	70	26.89	186
31	27.470	172	39.21	197	48.491	107	34.39	169	43.547	125	36.97	27	55.373	103	25.03	175
Febr. 10	27.642	217	37.24	200	48.598	138	32.70	149	43.672	156	36.70	39	55.476	136	23.28	155
20	27.859	258	35.24	197	48.736	169	31.21	122	43.828	185	36.31	53	55.612	167	21.73	129
März 2	28.117	295	33.27	193	48.905	198	29.99	90	44.013	212	35.78	68	55.779	196	20.44	96
12	28.412	328	31.34	183	49.103	224	29.09	52	44.225	237	35.10	83	55.975	224	19.48	58
22	28.740	358	29.51	172	49.327	247	28.57	13	44.462	259	34.27	96	56.199	246	18.90	18
Apr. 1	29.098	382	27.79	156	49.574	267	28.44	28	44.721	279	33.31	109	56.445	267	18.72	25
11	29.480	401	26.23	137	49.841	282	28.72	69	45.000	295	32.22	118	56.712	283	18.97	66
21	29.881	415	24.86	115	50.123	293	29.41	107	45.295	306	31.04	125	56.995	293	19.63	105
Mai 1	30.296	420	23.71	89	50.416	296	30.48	142	45.601	312	29.79	128	57.288	298	20.68	141
11	30.716	417	22.82	62	50.712	294	31.90	171	45.913	311	28.51	128	57.586	295	22.09	172
21	31.133	406	22.20	33	51.006	284	33.61	196	46.224	304	27.23	122	57.881	286	23.81	197
31	31.539	385	21.87	2	51.290	268	35.57	213	46.528	290	26.01	113	58.167	269	25.78	217
Juni 10	31.924	354	21.85	30	51.558	244	37.70	225	46.818	267	24.88	101	58.436	246	27.95	228
20	32.278	315	22.15	61	51.802	214	39.95	229	47.085	239	23.87	85	58.682	215	30.23	235
30	32.593	267	22.76	89	52.016	179	42.24	229	47.324	204	23.02	68	58.897	180	32.58	234
Juli 10	32.860	212	23.65	115	52.195	139	44.53	222	47.528	163	22.34	49	59.077	140	34.92	229
20	33.072	151	24.80	138	52.334	95	46.75	211	47.691	119	21.85	29	59.217	96	37.21	217
30	[31] 33.223	88	26.18	155	[31] 52.429	50	48.86	194	[1] 47.810	72	21.56	10	[1] 59.313	51	39.38	202
Aug. 8	33.311	23	27.73	166	52.479	5	50.80	175	47.882	25	21.46	7	59.364	6	41.40	182
18	33.334	41	29.39	171	52.484	39	52.55	152	47.907	22	21.53	23	59.370	37	43.22	159
28	33.293	101	31.10	170	52.445	78	54.07	127	47.885	65	21.76	35	59.333	78	44.81	135
Sept. 7	33.192	154	32.80	160	52.367	113	55.34	101	47.820	102	22.11	46	59.255	113	46.16	107
17	33.038	198	34.40	144	52.254	141	56.35	73	47.718	133	22.57	52	59.142	141	47.23	79
27	32.840	230	35.84	122	52.113	162	57.08	44	47.585	155	23.09	55	59.001	162	48.02	50
Okt. 7	32.610	251	37.06	95	51.951	173	57.52	16	47.430	169	23.64	56	58.839	175	48.52	19
17	32.359	257	38.01	64	51.778	177	57.68	14	47.261	172	24.20	54	58.664	178	48.71	10
27	32.102	251	38.65	29	51.601	171	57.54	42	47.089	166	24.74	49	58.486	173	48.61	40
Nov. 6	31.851	231	38.94	7	51.430	159	57.12	71	46.923	152	25.23	44	58.313	161	48.21	70
16	31.620	200	38.87	41	51.271	139	56.41	97	46.771	129	25.67	38	58.152	141	47.51	98
26	31.420	160	38.46	75	51.132	113	55.44	123	46.642	101	26.05	31	58.011	116	46.53	125
Dez. 6	31.260	114	37.71	104	51.019	83	54.21	146	46.541	69	26.36	24	57.895	87	45.28	148
16	31.146	63	36.67	132	50.936	51	52.75	164	46.472	34	26.60	17	57.808	54	43.80	167
26	31.083	9	35.35	154	50.885	16	51.11	177	46.438	3	26.77	9	57.754	20	42.13	182
36	31.074		33.81		50.869		49.34		46.441		26.86		57.734		40.31	
Mittl. Ort	29.741		43.02		49.696		32.21		44.991		39.12		56.576		22.83	
sec δ, tg δ	1.480		−1.091		1.032		+0.257		1.054		−0.332		1.039		+0.281	
a, *a′*	+4.2		+12.4		+2.8		+12.5		+3.4		+12.7		+2.8		+12.7	
b, *b′*	−0.05		+ 0.78		+0.01		+ 0.78		−0.01		+ 0.78		+0.01		+ 0.77	

Scheinbare Sternörter 1942

Tag	777) α Cygni				775) β Pavonis				780) ε Cygni				783) η Cephei			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$20^h\ 39^m$		$+45°\ 4'$		$20^h\ 39^m$		$-66°\ 24'$		$20^h\ 43^m$		$+33°\ 44'$		$20^h\ 44^m$		$+61°\ 36'$	
Jan. 1	25.788	62	32.87	285	41.15	4	52.16	259	50.468	34	78.39	252	4.98	16	62.01	300
11	25.726	13	30.02	300	41.11	7	49.57	277	50.434	6	75.87	263	4.82	9	59.01	322
21	25.713	38	27.02	306	41.18	15	46.80	286	50.440	47	73.24	266	4.73	0	55.79	334
31	25.751	90	23.96	298	41.33	24	43.94	289	50.487	89	70.58	258	4.73	7	52.45	332
Febr. 10	25.841	139	20.98	280	41.57	32	41.05	284	50.576	130	68.00	238	4.80	16	49.13	318
20	25.980	188	18.18	250	41.89	39	38.21	274	50.706	169	65.62	210	4.96	23	45.95	290
März 2	26.168	232	15.68	211	42.28	46	35.47	257	50.875	206	63.52	173	5.19	31	43.05	252
12	26.400	273	13.57	163	42.74	52	32.90	235	51.081	239	61.79	128	5.50	37	40.53	204
22	26.673	307	11.94	109	43.26	56	30.55	210	51.320	268	60.51	78	5.87	42	38.49	149
Apr. 1	26.980	335	10.85	51	43.82	61	28.45	179	51.588	294	59.73	26	6.29	46	37.00	88
11	27.315	354	10.34	9	44.43	64	26.66	145	51.882	312	59.47	28	6.75	49	36.12	25
21	27.669	366	10.43	67	45.07	66	25.21	107	52.194	324	59.75	81	7.24	51	35.87	39
Mai 1	28.035	368	11.10	122	45.73	67	24.14	68	52.518	328	60.56	130	7.75	51	36.26	99
11	28.403	359	12.32	174	46.40	66	23.46	26	52.846	324	61.86	175	8.26	49	37.25	157
21	28.762	343	14.06	218	47.06	63	23.20	17	53.170	312	63.61	214	8.75	46	38.82	209
31	29.105	316	16.24	257	47.69	61	23.37	58	53.482	292	65.75	246	9.21	41	40.91	255
Juni 10	29.421	281	18.81	287	48.30	55	23.95	99	53.774	264	68.21	271	9.62	37	43.46	292
20	29.702	239	21.68	309	48.85	49	24.94	138	54.038	229	70.92	288	9.99	31	46.38	321
30	29.941	191	24.77	324	49.34	41	26.32	171	54.267	188	73.80	297	10.30	23	49.59	341
Juli 10	30.132	137	28.01	329	49.75	33	28.03	201	54.455	143	76.77	300	10.53	15	53.00	354
20	30.269	81	31.30	327	50.08	22	30.04	225	54.598	94	79.77	295	10.68	8	56.54	358
30	[1] 30.350	23	34.57	318	[2] 50.30	13	32.29	240	[3] 54.692	44	82.72	283	[3] 10.76	1	60.12	354
Aug. 8	30.373	34	37.75	301	50.43	2	34.69	248	54.736	7	85.55	266	10.75	8	63.66	341
18	30.339	88	40.76	279	50.45	9	37.17	248	54.729	55	88.21	243	10.67	17	67.07	322
28	30.251	139	43.55	251	50.36	18	39.65	237	54.674	99	90.64	215	10.50	23	70.29	295
Sept. 7	30.112	183	46.06	217	50.18	28	42.02	218	54.575	139	92.79	184	10.27	29	73.24	263
17	29.929	219	48.23	178	49.90	35	44.20	190	54.436	171	94.63	148	9.98	35	75.87	225
27	29.710	247	50.01	137	49.55	41	46.10	155	54.265	196	96.11	111	9.63	39	78.12	181
Okt. 7	29.463	266	51.38	91	49.14	45	47.65	113	54.069	211	97.22	70	9.24	42	79.93	133
17	29.197	274	52.29	43	48.69	46	48.78	65	53.858	218	97.92	27	8.82	44	81.26	81
27	28.923	272	52.72	7	48.23	47	49.43	15	53.640	216	98.19	16	8.38	45	82.07	26
Nov. 6	28.651	261	52.65	58	47.76	44	49.58	36	53.424	206	98.03	60	7.93	43	82.33	31
16	28.390	241	52.07	107	47.32	39	49.22	87	53.218	187	97.43	104	7.50	41	82.02	87
26	28.149	212	51.00	156	46.93	34	48.35	134	53.031	162	96.39	144	7.09	38	81.15	143
Dez. 6	27.937	178	49.44	201	46.59	26	47.01	176	52.869	131	94.95	182	6.71	33	79.72	195
16	27.759	138	47.43	239	46.33	17	45.25	214	52.738	97	93.13	215	6.38	27	77.77	242
26	27.621	92	45.04	271	46.16	9	43.11	243	52.641	59	90.98	241	6.11	21	75.35	282
36	27.529		42.33		46.07		40.68		52.582		88.57		5.90		72.53	
Mittl. Ort	27.186		20.19		45.40		48.59		51.754		67.42		6.74		47.06	
sec δ, tg δ	1.416		+1.002		2.499		−2.290		1.203		+0.668		2.103		+1.850	
a, *a′*	+2.0		+12.8		+5.4		+12.9		+2.4		+13.1		+1.2		+13.2	
b, *b′*	+0.04		+ 0.77		−0.10		+ 0.77		+0.03		+ 0.76		+0.08		+ 0.75	

Tag	781) ε Aquarii				784) λ Cygni *m*			
	AR.		Dekl.		AR.		Dekl.	
1942	$20^h\ 44^m$		$-9°\ 42'$		$20^h\ 45^m$		$+36°\ 16'$	
	s		"		s		"	
Jan. 1	30.760	13	30.51	52	7.550	43	47.51	259
11	30.773	47	31.03	46	7.507	0	44.92	273
21	30.820	79	31.49	37	7.507	42	42.19	276
31	30.899	110	31.86	24	7.549	86	39.43	268
Febr. 10	31.009	141	32.10	10	7.635	128	36.75	250
20	31.150	169	32.20	8	7.763	169	34.25	221
März 2	31.319	196	32.12	28	7.932	207	32.04	183
12	31.515	221	31.84	49	8.139	243	30.21	139
22	31.736	245	31.35	71	8.382	273	28.82	88
Apr. 1	31.981	265	30.64	91	8.655	299	27.94	34
11	32.246	282	29.73	110	8.954	318	27.60	22
21	32.528	293	28.63	126	9.272	331	27.82	75
Mai 1	32.821	301	27.37	138	9.603	334	28.57	126
11	33.122	301	25.99	145	9.937	330	29.83	173
21	33.423	295	24.54	148	10.267	318	31.56	213
31	33.718	282	23.06	146	10.585	297	33.69	247
Juni 10	34.000	261	21.60	140	10.882	269	36.16	273
20	34.261	234	20.20	130	11.151	232	38.89	293
30	34.495	201	18.90	116	11.383	190	41.82	303
Juli 10	34.696	162	17.74	100	11.573	143	44.85	306
20	34.858	119	16.74	82	11.716	94	47.91	303
30	34.977	75	15.92	63	11.810	42	50.94	292
Aug. 8	[3] 35.052	29	15.29	44	[3] 11.852	10	53.86	275
18	35.081	16	14.85	26	11.842	59	56.61	252
28	35.065	57	14.59	8	11.783	105	59.13	225
Sept. 7	35.008	94	14.51	7	11.678	146	61.38	193
17	34.914	123	14.58	20	11.532	178	63.31	157
27	34.791	146	14.78	31	11.354	204	64.88	118
Okt. 7	34.645	160	15.09	39	11.150	220	66.06	76
17	34.485	164	15.48	47	10.930	228	66.82	32
27	34.321	159	15.95	51	10.702	226	67.14	13
Nov. 6	34.162	147	16.46	55	10.476	216	67.01	58
16	34.015	127	17.01	57	10.260	198	66.43	103
26	33.888	102	17.58	59	10.062	173	65.40	146
Dez. 6	33.786	72	18.17	60	9.889	142	63.94	185
16	33.714	40	18.77	59	9.747	107	62.09	220
26	33.674	7	19.36	56	9.640	67	59.89	247
36	33.667		19.92		9.573		57.42	
Mittl. Ort	32.235		33.54		8.841		36.10	
sec δ, tg δ	1.015		−0.171		1.240		+0.734	
a, *a′*	+3.2		+13.2		+2.3		+13.2	
b, *b′*	−0.01		+ 0.75		+0.03		+ 0.75	

Tag	785) β Indi				786) 32 Vulpeculae			
	AR.		Dekl.		AR.		Dekl.	
1942	$20^h\ 50^m$		$-58°\ 40'$		$20^h\ 52^m$		$+27°\ 50'$	
	s		"		s		"	
Jan. 1	14.303	25	32.62	220	3.941	31	19.83	228
11	14.278	44	30.42	240	3.910	6	17.55	239
21	14.322	112	28.02	253	3.916	43	15.16	241
31	14.434	176	25.49	259	3.959	82	12.75	232
Febr. 10	14.610	237	22.90	260	4.041	119	10.43	214
20	14.847	293	20.30	255	4.160	156	8.29	187
März 2	15.140	345	17.75	246	4.316	190	6.42	152
12	15.485	392	15.29	230	4.506	222	4.90	111
22	15.877	434	12.99	211	4.728	251	3.79	64
Apr. 1	16.311	468	10.88	187	4.979	276	3.15	15
11	16.779	496	9.01	160	5.255	295	3.00	34
21	17.275	515	7.41	128	5.550	308	3.34	83
Mai 1	17.790	525	6.13	95	5.858	315	4.17	129
11	18.315	526	5.18	57	6.173	313	5.46	170
21	18.841	513	4.61	19	6.486	304	7.16	206
31	19.354	490	4.42	20	6.790	287	9.22	234
Juni 10	19.844	455	4.62	58	7.077	263	11.56	257
20	20.299	408	5.20	96	7.340	231	14.13	271
30	20.707	350	6.16	130	7.571	194	16.84	278
Juli 10	21.057	282	7.46	161	7.765	151	19.62	279
20	21.339	208	9.07	187	7.916	105	22.41	273
30	21.547	128	10.94	206	8.021	57	25.14	261
Aug. 8	[4] 21.675	45	13.00	218	[5] 8.078	10	27.75	244
18	21.720	37	15.18	223	8.088	37	30.19	221
28	21.683	115	17.41	219	8.051	81	32.40	195
Sept. 7	21.568	187	19.60	206	7.970	119	34.35	165
17	21.381	248	21.66	185	7.851	150	36.00	133
27	21.133	295	23.51	156	7.701	175	37.33	97
Okt. 7	20.838	328	25.07	121	7.526	190	38.30	60
17	20.510	344	26.28	81	7.336	198	38.90	22
27	20.166	343	27.09	37	7.138	196	39.12	18
Nov. 6	19.823	327	27.46	10	6.942	187	38.94	57
16	19.496	294	27.36	55	6.755	171	38.37	96
26	19.202	248	26.81	98	6.584	148	37.41	133
Dez. 6	18.954	194	25.83	138	6.436	120	36.08	166
16	18.760	131	24.45	174	6.316	88	34.42	196
26	18.629	64	22.71	204	6.228	53	32.46	218
36	18.565		20.67		6.175		30.28	
Mittl. Ort	17.536		28.50		5.174		9.85	
sec δ, tg δ	1.924		−1.643		1.131		+0.528	
a, *a′*	+4.7		+13.6		+2.6		+13.7	
b, *b′*	−0.07		+ 0.74		+0.02		+ 0.73	

Scheinbare Sternörter 1942

Tag	788) ν Cygni				790) ζ Microscopii				793) 61 Cygni *pr*[1])				794) ν Aquarii			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$20^h\ 54^m$		$+40°\ 56'$		$20^h\ 59^m$		$-38°\ 51'$		$21^h\ 4^m$		$+38°\ 27'$		$21^h\ 6^m$		$-11°\ 36'$	
Jan. 1	59.260	66	47.41	265	13.886	6	36.03	114	16.413	54	59.40	245	24.730	6	26.00	39
11	59.194	21	44.76	282	13.880	38	34.89	132	16.359	13	56.95	261	24.724	26	26.39	31
21	59.173	24	41.94	288	13.918	80	33.57	146	16.346	30	54.34	268	24.750	58	26.70	21
31	59.197	71	39.06	284	13.998	120	32.11	158	16.376	75	51.66	264	24.808	89	26.91	7
Febr. 10	59.268	117	36.22	268	14.118	159	30.53	167	16.451	119	49.02	249	24.897	120	26.98	8
20	59.385	162	33.54	241	14.277	196	28.86	172	16.570	163	46.53	222	25.017	150	26.90	25
März 2	59.547	206	31.13	204	14.473	231	27.14	177	16.733	204	44.31	187	25.167	179	26.65	44
12	59.753	245	29.09	160	14.704	263	25.37	177	16.937	243	42.44	144	25.346	206	26.21	65
22	59.998	279	27.49	108	14.967	294	23.60	174	17.180	277	41.00	94	25.552	232	25.56	85
Apr. 1	60.277	309	26.41	54	15.261	319	21.86	168	17.457	306	40.06	41	25.784	255	24.71	104
11	60.586	332	25.87	3	15.580	342	20.18	159	17.763	329	39.65	15	26.039	276	23.67	121
21	60.918	345	25.90	60	15.922	358	18.59	145	18.092	346	39.80	70	26.315	291	22.46	135
Mai 1	61.263	352	26.50	113	16.280	370	17.14	128	18.438	353	40.50	122	26.606	302	21.11	145
11	61.615	349	27.63	163	16.650	373	15.86	108	18.791	351	41.72	170	26.908	306	19.66	152
21	61.964	336	29.26	208	17.023	368	14.78	83	19.142	341	43.42	214	27.214	303	18.14	152
31	62.300	315	31.34	245	17.391	354	13.95	58	19.483	322	45.56	250	27.517	293	16.62	149
Juni 10	62.615	286	33.79	275	17.745	333	13.37	30	19.805	295	48.06	280	27.810	275	15.13	142
20	62.901	248	36.54	298	18.078	302	13.07	0	20.100	260	50.86	301	28.085	251	13.71	130
30	63.149	205	39.52	312	18.380	263	13.07	29	20.360	218	53.87	315	28.336	220	12.41	114
Juli 10	63.354	156	42.64	318	18.643	218	13.36	56	20.578	172	57.02	322	28.556	183	11.27	97
20	63.510	103	45.82	318	18.861	167	13.92	82	20.750	121	60.24	320	28.739	141	10.30	77
30	63.613	50	49.00	310	19.028	111	14.74	105	20.871	69	63.44	312	28.880	96	9.53	57
Aug. 8	[5]63.663	5	52.10	295	[6]19.139	54	15.79	122	[8]20.940	16	66.56	297	[8]28.976	51	8.96	36
18	63.658	58	55.05	274	19.193	3	17.01	134	20.956	35	69.53	276	29.027	5	8.60	17
28	63.600	106	57.79	247	19.190	56	18.35	141	20.921	83	72.29	250	29.032	37	8.43	1
Sept. 7	63.494	149	60.26	216	19.134	105	19.76	141	20.838	125	74.79	219	28.995	76	8.44	16
17	63.345	186	62.42	180	19.029	146	21.17	136	20.713	161	76.98	184	28.919	108	8.60	30
27	63.159	214	64.22	140	18.883	179	22.53	124	20.552	190	78.82	146	28.811	134	8.90	40
Okt. 7	62.945	234	65.62	97	18.704	201	23.77	107	20.362	209	80.28	104	28.677	151	9.30	48
17	62.711	244	66.59	52	18.503	211	24.84	84	20.153	219	81.32	61	28.526	158	9.78	53
27	62.467	245	67.11	5	18.292	210	25.68	58	19.934	222	81.93	14	28.368	158	10.31	56
Nov. 6	62.222	237	67.16	44	18.082	198	26.26	31	19.712	214	82.07	32	28.210	149	10.87	58
16	61.985	221	66.72	92	17.884	177	26.57	3	19.498	200	81.75	78	28.061	133	11.45	57
26	61.764	198	65.80	138	17.707	148	26.60	26	19.298	178	80.97	122	27.928	111	12.02	55
Dez. 6	61.566	167	64.42	182	17.559	111	26.34	53	19.120	149	79.75	165	27.817	85	12.57	53
16	61.399	132	62.60	219	17.448	72	25.81	78	18.971	116	78.10	201	27.732	56	13.10	49
26	61.267	92	60.41	251	17.376	30	25.03	101	18.855	80	76.09	231	27.676	24	13.59	44
36	61.175		57.90		17.346		24.02		18.775		73.78		27.652		14.03	
Mittl. Ort	60.525		35.09		15.943		33.32		17.622		47.62		26.162		27.65	
sec δ, tg δ	1.324		+0.867		1.284		−0.806		1.277		+0.794		1.021		−0.205	
a, *a'*	+2.2		+13.9		+3.8		+14.1		+2.3		+14.4		+3.3		+14.6	
b, *b'*	+0.04		+ 0.72		−0.04		+ 0.71		+0.04		+ 0.69		−0.01		+ 0.69	

[1]) Die jährliche Parallaxe (0.″300) ist bereits berücksichtigt.

Obere Kulmination Greenwich

Tag	795) Br 2777 Ceph				797) ζ Cygni				800) α Equulei				803) α Cephei			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$21^h\ 6^m$		$+77°\ 53'$		$21^h\ 10^m$		$+29°\ 59'$		$21^h\ 12^m$		$+5°\ 0'$		$21^h\ 17^m$		$+62°\ 20'$	
Jan. 1	38.66	59	47.25	275	26.788	53	27.79	225	54.212	20	30.33	124	10.28	22	37.74	274
11	38.07	42	44.50	308	26.735	16	25.54	239	54.192	11	29.09	124	10.06	15	35.00	304
21	37.65	24	41.42	330	26.719	22	23.15	243	54.203	42	27.85	118	9.91	8	31.96	324
31	37.41	4	38.12	339	26.741	60	20.72	239	54.245	73	26.67	108	9.83	1	28.72	330
Febr. 10	37.37	15	34.73	335	26.801	98	18.33	224	54.318	104	25.59	92	9.84	9	25.42	325
20	37.52	35	31.38	318	26.899	137	16.09	199	54.422	135	24.67	70	9.93	17	22.17	306
März 2	37.87	53	28.20	289	27.036	174	14.10	166	54.557	164	23.97	44	10.10	26	19.11	275
12	38.40	69	25.31	248	27.210	210	12.44	126	54.721	194	23.53	13	10.36	32	16.36	233
22	39.09	82	22.83	199	27.420	241	11.18	81	54.915	220	23.40	18	10.68	39	14.03	184
Apr. 1	39.91	94	20.84	143	27.661	270	10.37	32	55.135	245	23.58	51	11.07	44	12.19	127
11	40.85	100	19.41	82	27.931	293	10.05	18	55.380	266	24.09	83	11.51	49	10.92	66
21	41.85	105	18.59	19	28.224	310	10.23	68	55.646	282	24.92	113	12.00	51	10.26	4
Mai 1	42.90	106	18.40	43	28.534	319	10.91	116	55.928	293	26.05	140	12.51	52	10.22	58
11	43.96	102	18.83	103	28.853	322	12.07	159	56.221	298	27.45	163	13.03	51	10.80	117
21	44.98	97	19.86	160	29.175	315	13.66	197	56.519	295	29.08	179	13.54	50	11.97	173
31	45.95	88	21.46	211	29.490	300	15.63	229	56.814	285	30.87	191	14.04	47	13.70	221
Juni 10	46.83	76	23.57	256	29.790	278	17.92	254	57.099	268	32.78	198	14.51	42	15.91	264
20	47.59	63	26.13	293	30.068	248	20.46	272	57.367	243	34.76	198	14.93	36	18.55	300
30	48.22	48	29.06	321	30.316	212	23.18	282	57.610	212	36.74	193	15.29	30	21.55	326
Juli 10	48.70	32	32.27	343	30.528	170	26.00	286	57.822	177	38.67	183	15.59	22	24.81	345
20	49.02	15	35.70	356	30.698	125	28.86	283	57.999	136	40.50	170	15.81	14	28.26	357
30	49.17	2	39.26	361	30.823	76	31.69	273	58.135	92	42.20	154	15.95	7	31.83	358
Aug. 8*)	8 49.15	19	42.87	358	9 30.899	27	34.42	258	10 58.227	48	43.74	134	11 16.02	2	35.41	353
18	48.96	35	46.45	347	30.926	20	37.00	238	58.275	5	45.08	112	16.00	10	38.94	339
28	48.61	51	49.92	328	30.906	65	39.38	213	58.280	37	46.20	91	15.90	18	42.33	319
Sept. 7	48.10	66	53.20	303	30.841	105	41.51	184	58.243	74	47.11	68	15.72	24	45.52	292
17	47.44	78	56.23	271	30.736	139	43.35	152	58.169	106	47.79	45	15.48	30	48.44	258
27	46.66	88	58.94	233	30.597	166	44.87	117	58.063	131	48.24	23	15.18	36	51.02	220
Okt. 7	45.78	97	61.27	188	30.431	185	46.04	80	57.932	147	48.47	1	14.82	39	53.22	174
17	44.81	104	63.15	139	30.246	196	46.84	40	57.785	156	48.48	19	14.43	42	54.96	125
27	43.77	107	64.54	86	30.050	198	47.24	0	57.629	157	48.29	38	14.01	43	56.21	72
Nov. 6	42.70	109	65.40	28	29.852	192	47.24	40	57.472	150	47.91	57	13.58	44	56.93	15
16	41.61	106	65.68	31	29.660	180	46.84	80	57.322	137	47.34	75	13.14	43	57.08	42
26	40.55	102	65.37	91	29.480	160	46.04	120	57.185	117	46.59	90	12.71	40	56.66	99
Dez. 6	39.53	94	64.46	148	29.320	135	44.84	155	57.068	93	45.69	103	12.31	37	55.67	155
16	38.59	82	62.98	203	29.185	106	43.29	187	56.975	66	44.66	115	11.94	33	54.12	206
26	37.77	70	60.95	250	29.079	74	41.42	214	56.909	38	43.51	122	11.61	26	52.06	251
36	37.07		58.45		29.005		39.28		56.871		42.29		11.35		49.55	
Mittl. Ort	41.60		30.00		27.932		17.38		55.447		25.36		11.719		21.72	
sec δ, tg δ	4.767		+4.661		1.155		+0.577		1.004		+0.088		2.154		+1.908	
a, *a'*	−1.2		+14.6		+2.6		+14.8		+3.0		+14.9		+1.4		+15.2	
b, *b'*	+0.23		+ 0.69		+0.03		+ 0.67		0.00		+ 0.67		+0.10		+ 0.65	

*) Bei Stern 797), 800) und 803) lies Aug. 9.

Tag		804) ι Pegasi AR.		804) ι Pegasi Dekl.		805) γ Pavonis AR.		805) γ Pavonis Dekl.		806) ζ Capricorni AR.		806) ζ Capricorni Dekl.		809) β Cephei AR.		809) β Cephei Dekl.	
1942		$21^h\ 19^m$		$+19°\ 33'$		$21^h\ 21^m$		$-65°\ 37'$		$21^h\ 23^m$		$-22°\ 39'$		$21^h\ 27^m$		$+70°\ 18'$	
Jan.	1	$23^s.029$	41	$27''.75$	184	$36^s.56$	13	$56''.48$	241	$19^s.981$	21	$50''.64$	22	$53^s.51$	37	$38''.68$	262
	11	22.988	9	25.91	192	36.43	4	54.07	269	19.960	11	50.42	36	53.14	28	36.06	297
	21	22.979	24	23.99	193	36.39	5	51.38	288	19.971	45	50.06	51	52.86	17	33.09	322
	31	23.003	57	22.06	187	36.44	12	48.50	300	20.016	78	49.55	65	52.69	5	29.87	335
Febr.	10	23.060	92	20.19	172	36.56	21	45.50	305	20.094	110	48.90	81	52.64	6	26.52	334
	20	23.152	126	18.47	148	36.77	28	42.45	303	20.204	142	48.09	95	52.70	19	23.18	320
März	2	23.278	160	16.99	119	37.05	36	39.42	294	20.346	173	47.14	110	52.89	29	19.98	294
	12	23.438	192	15.80	83	37.41	42	36.48	280	20.519	204	46.04	123	53.18	40	17.04	256
	22	23.630	222	14.97	43	37.83	48	33.68	260	20.723	233	44.81	135	53.58	50	14.48	209
Apr.	1	23.852	250	14.54	0	38.31	53	31.08	233	20.956	259	43.46	145	54.08	57	12.39	155
	11	24.102	272	14.54	42	38.84	58	28.75	204	21.215	283	42.01	153	54.65	63	10.84	95
	21	24.374	290	14.96	85	39.42	61	26.71	169	21.498	302	40.48	155	55.28	67	9.89	33
Mai	1	24.664	302	15.81	125	40.03	63	25.02	130	21.800	315	38.93	156	55.95	68	9.56	30
	11	24.966	306	17.06	160	40.66	64	23.72	88	22.115	323	37.37	151	56.63	69	9.86	91
	21	25.272	303	18.66	191	41.30	63	22.84	45	22.438	323	35.86	140	57.32	66	10.77	148
	31	25.575	293	20.57	215	41.93	62	22.39	0	22.761	316	34.46	127	57.98	61	12.25	201
Juni	10	25.868	273	22.72	233	42.55	59	22.39	45	23.077	301	33.19	110	58.59	56	14.26	247
	20	26.141	248	25.05	244	43.14	53	22.84	89	23.378	277	32.09	90	59.15	48	16.73	286
	30	26.389	216	27.49	250	43.67	47	23.73	129	23.655	246	31.19	68	59.63	39	19.59	318
Juli	10	26.605	179	29.99	249	44.14	40	25.02	167	23.901	210	30.51	44	60.02	30	22.77	341
	20	26.784	136	32.48	241	44.54	31	26.69	199	24.111	167	30.07	20	60.32	19	26.18	357
	30	26.920	91	34.89	230	44.85	21	28.68	224	24.278	121	29.87	4	60.51	8	29.75	363
Aug.	9	12 27.011	46	37.19	212	12 45.06	11	30.92	242	13 24.399	73	29.91	27	14 60.59	2	33.38	363
	18	27.057	1	39.31	192	45.17	1	33.34	252	24.472	24	30.18	45	60.57	13	37.01	354
	28	27.058	42	41.23	169	45.18	9	35.86	251	24.496	22	30.63	62	60.44	24	40.55	338
Sept.	7	27.016	81	42.92	142	45.09	18	38.37	242	24.474	64	31.25	74	60.20	33	43.93	314
	17	26.935	113	44.34	113	44.91	27	40.79	222	24.410	102	31.99	81	59.87	41	47.07	283
	27	26.822	140	45.47	83	44.64	34	43.01	195	24.308	131	32.80	85	59.46	49	49.90	247
Okt.	7	26.682	158	46.30	52	44.30	40	44.96	158	24.177	151	33.65	84	58.97	54	52.37	204
	17	26.524	169	46.82	20	43.90	43	46.54	114	24.026	164	34.49	79	58.43	59	54.41	155
	27	26.355	171	47.02	12	43.47	44	47.68	67	23.862	166	35.28	70	57.84	62	55.96	103
Nov.	6	26.184	166	46.90	44	43.03	44	48.35	15	23.696	160	35.98	60	57.22	63	56.99	46
	16	26.018	155	46.46	76	42.59	41	48.50	38	23.536	147	36.58	46	56.59	62	57.45	13
	26	25.863	137	45.70	105	42.18	37	48.12	89	23.389	126	37.04	33	55.97	60	57.32	72
Dez.	6	25.726	115	44.65	133	41.81	32	47.23	138	23.263	100	37.37	18	55.37	57	56.60	131
	16	25.611	89	43.32	156	41.49	24	45.85	182	23.163	71	37.55	3	54.80	50	55.29	186
	26	25.522	59	41.76	176	41.25	17	44.03	220	23.092	40	37.58	11	54.30	43	53.43	236
	36	25.463		40.00		41.08		41.83		23.052		37.47		53.87		51.07	
Mittl. Ort		24.152		19.64		40.49		48.77		21.536		49.06		55.15		21.45	
sec δ, tg δ		1.061		+0.355		2.424		−2.208		1.084		−0.418		2.967		+2.794	
a, *a'*		+2.8		+15.3		+5.0		+15.4		+3.4		+15.5		+0.8		+15.8	
b, *b'*		+0.02		+ 0.64		−0.11		+ 0.64		−0.02		+ 0.63		+0.15		+ 0.62	

Tag	808) β Aquarii AR.	Δ	808) β Aquarii Dekl.	Δ	811) 74 Cygni AR.	Δ	811) 74 Cygni Dekl.	Δ
1942	21h 28m		−5° 49′		21h 34m		+40° 8′	
Jan. 1	29.105	27	36.40	67	36.255	102	80.85	234
11	29.078	3	37.07	60	36.153	64	78.51	257
21	29.081	33	37.67	52	36.089	22	75.94	270
31	29.114	63	38.19	39	36.067	21	73.24	273
Febr. 10	29.177	94	38.58	23	36.088	67	70.51	264
20	29.271	124	38.81	4	36.155	113	67.87	245
März 2	29.395	154	38.85	18	36.268	159	65.42	215
12	29.549	184	38.67	42	36.427	202	63.27	176
22	29.733	211	38.25	67	36.629	244	61.51	131
Apr. 1	29.944	238	37.58	91	36.873	280	60.20	81
11	30.182	261	36.67	113	37.153	310	59.39	26
21	30.443	281	35.54	133	37.463	333	59.13	28
Mai 1	30.724	293	34.21	150	37.796	348	59.41	82
11	31.017	302	32.71	162	38.144	353	60.23	132
21	31.319	302	31.09	169	38.497	350	61.55	178
31	31.621	295	29.40	171	38.847	337	63.33	219
Juni 10	31.916	280	27.69	169	39.184	315	65.52	253
20	32.196	259	26.00	160	39.499	284	68.05	280
30	32.455	230	24.40	149	39.783	246	70.85	299
Juli 10	32.685	196	22.91	134	40.029	202	73.84	311
20	32.881	156	21.57	116	40.231	153	76.95	315
30	33.037	113	20.41	96	40.384	101	80.10	312
Aug. 9	[14] 33.150	69	19.45	75	[15] 40.485	48	83.22	303
18	33.219	25	18.70	53	40.533	5	86.25	287
28	33.244	18	18.17	33	40.528	55	89.12	265
Sept. 7	33.226	58	17.84	13	40.473	101	91.77	239
17	33.168	91	17.71	4	40.372	141	94.16	207
27	33.077	117	17.75	19	40.231	175	96.23	171
Okt. 7	32.960	137	17.94	33	40.056	200	97.94	131
17	32.823	149	18.27	44	39.856	217	99.25	89
27	32.674	151	18.71	53	39.639	226	100.14	44
Nov. 6	32.523	146	19.24	59	39.413	226	100.58	3
16	32.377	135	19.83	66	39.187	219	100.55	50
26	32.242	118	20.49	69	38.968	204	100.05	96
Dez. 6	32.124	95	21.18	71	38.764	183	99.09	141
16	32.029	71	21.89	72	38.581	156	97.68	182
26	31.958	43	22.61	70	38.425	125	95.86	217
36	31.915		23.31		38.300		93.69	
Mittl. Ort	30.385		38.30		37.270		68.30	
sec δ, tg δ	1.005		−0.102		1.308		+0.844	
a, *a′*	+3.2		+15.8		+2.4		+16.1	
b, *b′*	−0.01		+ 0.61		+0.05		+ 0.59	

Tag	810) ν Octantis AR.	Δ	810) ν Octantis Dekl.	Δ	815) ε Pegasi AR.	Δ	815) ε Pegasi Dekl.	Δ
1942	21h 34m		−77° 38′		21h 41m		+9° 36′	
Jan. 1	59.08	38	67.49	277	19.103	46	34.92	135
11	58.70	22	64.72	307	19.057	19	33.57	138
21	58.48	5	61.65	329	19.038	11	32.19	136
31	58.43	12	58.36	341	19.049	42	30.83	128
Febr. 10	58.55	28	54.95	346	19.091	73	29.55	114
20	58.83	44	51.49	341	19.164	105	28.41	93
März 2	59.27	58	48.08	329	19.269	138	27.48	67
12	59.85	71	44.79	311	19.407	170	26.81	37
22	60.56	83	41.68	285	19.577	200	26.44	3
Apr. 1	61.39	94	38.83	253	19.777	229	26.41	32
11	62.33	103	36.30	217	20.006	254	26.73	67
21	63.36	109	34.13	176	20.260	275	27.40	101
Mai 1	64.45	113	32.37	131	20.535	291	28.41	132
11	65.58	116	31.06	82	20.826	299	29.73	159
21	66.74	115	30.24	33	21.125	301	31.32	182
31	67.89	112	29.91	18	21.426	295	33.14	198
Juni 10	69.01	106	30.09	68	21.721	281	35.12	210
20	70.07	98	30.77	116	22.002	260	37.22	215
30	71.05	86	31.93	162	22.262	232	39.37	214
Juli 10	71.91	73	33.55	201	22.494	199	41.51	208
20	72.64	58	35.56	236	22.693	159	43.59	198
30	73.22	40	37.92	263	22.852	117	45.57	184
Aug. 9	[16] 73.62	22	40.55	282	[17] 22.969	74	47.41	165
18	73.84	3	43.37	291	23.043	29	49.06	144
28	73.87	16	46.28	289	23.072	13	50.50	122
Sept. 7	73.71	35	49.17	277	23.059	51	51.72	98
17	73.36	52	51.94	254	23.008	86	52.70	74
27	72.84	66	54.48	221	22.922	113	53.44	49
Okt. 7	72.18	77	56.69	180	22.809	133	53.93	24
17	71.41	86	58.49	131	22.676	147	54.17	0
27	70.55	91	59.80	75	22.529	152	54.17	22
Nov. 6	69.64	92	60.55	16	22.377	150	53.95	45
16	68.72	89	60.71	44	22.227	142	53.50	67
26	67.83	82	60.27	102	22.085	128	52.83	86
Dez. 6	67.01	73	59.25	158	21.957	109	51.97	105
16	66.28	61	57.67	209	21.848	87	50.92	119
26	65.67	47	55.58	253	21.761	62	49.73	130
36	65.20		53.05		21.699		48.43	
Mittl. Ort	66.47		57.85		20.184		29.65	
sec δ, tg δ	4.675		−4.567		1.014		+0.169	
a, *a′*	+6.7		+16.2		+2.9		+16.5	
b, *b′*	−0.25		+ 0.59		+0.01		+ 0.57	

Tag	819) δ Capricorni [1] AR.		Dekl.		821) π^2 Cygni AR.		Dekl.		823) 16 Pegasi AR.		Dekl.		822) γ Gruis AR.		Dekl.	
1942	$21^h\ 43^m$		$-16°\ 23'$		$21^h\ 44^m$		$+49°\ 2'$		$21^h\ 50^m$		$+25°\ 38'$		$21^h\ 50^m$		$-37°\ 37'$	
	s		"		s		"		s		"		s		"	
Jan. 1	49.133	37	30.47	13	37.866	151	40.40	240	24.293	76	74.59	187	23.553	60	85.16	94
11	49.096	7	30.60	0	37.715	108	38.00	270	24.217	47	72.72	202	23.493	25	84.22	118
21	49.089	24	30.60	14	37.607	59	35.30	288	24.170	14	70.70	210	23.468	14	83.04	140
31	49.113	54	30.46	29	37.548	7	32.42	297	24.156	20	68.60	209	23.482	52	81.64	160
Febr. 10	49.167	85	30.17	46	37.541	48	29.45	293	24.176	56	66.51	198	23.534	90	80.04	175
20	49.252	116	29.71	64	37.589	104	26.52	277	24.232	93	64.53	180	23.624	128	78.29	189
März 2	49.368	148	29.07	82	37.693	159	23.75	250	24.325	130	62.73	153	23.752	166	76.40	199
12	49.516	179	28.25	100	37.852	213	21.25	214	24.455	168	61.20	119	23.918	203	74.41	206
22	49.695	209	27.25	117	38.065	263	19.11	168	24.623	204	60.01	79	24.121	239	72.35	208
Apr. 1	49.904	238	26.08	133	38.328	308	17.43	117	24.827	236	59.22	36	24.360	273	70.27	208
11	50.142	263	24.75	146	38.636	343	16.26	61	25.063	266	58.86	10	24.633	303	68.19	202
21	50.405	284	23.29	156	38.979	372	15.65	4	25.329	289	58.96	56	24.936	330	66.17	192
Mai 1	50.689	301	21.73	163	39.351	390	15.61	54	25.618	306	59.52	100	25.266	350	64.25	178
11	50.990	312	20.10	164	39.741	398	16.15	110	25.924	315	60.52	140	25.616	363	62.47	159
21	51.302	315	18.46	161	40.139	394	17.25	161	26.239	318	61.92	177	25.979	368	60.88	136
31	51.617	310	16.85	154	40.533	380	18.86	207	26.557	311	63.69	208	26.347	366	59.52	110
Juni 10	51.927	299	15.31	141	40.913	355	20.93	248	26.868	296	65.77	234	26.713	354	58.42	79
20	52.226	278	13.90	125	41.268	320	23.41	281	27.164	274	68.11	251	27.067	331	57.63	48
30	52.504	251	12.65	106	41.588	278	26.22	306	27.438	243	70.62	264	27.398	302	57.15	14
Juli 10	52.755	217	11.59	84	41.866	228	29.28	324	27.681	207	73.26	268	27.700	263	57.01	19
20	52.972	178	10.75	61	42.094	173	32.52	334	27.888	166	75.94	267	27.963	218	57.20	51
30	53.150	134	10.14	37	42.267	115	35.86	336	28.054	122	78.61	260	28.181	168	57.71	80
Aug. 9	53.284	89	9.77	14	42.382	55	39.22	332	28.176	75	81.21	247	28.349	113	58.51	106
18*)	18 53.373	43	9.63	9	18 42.437	5	42.54	319	19 28.251	29	83.68	229	19 28.462	58	59.57	128
28	53.416	3	9.72	28	42.432	62	45.73	301	28.280	16	85.97	208	28.520	3	60.85	144
Sept. 7	53.413	44	10.00	45	42.370	115	48.74	276	28.264	57	88.05	183	28.523	48	62.29	152
17	53.369	81	10.45	58	42.255	161	51.50	245	28.207	94	89.88	154	28.475	95	63.81	156
27	53.288	111	11.03	67	42.094	202	53.95	209	28.113	123	91.42	123	28.380	133	65.37	151
Okt. 7	53.177	133	11.70	72	41.892	233	56.04	169	27.990	147	92.65	91	28.247	164	66.88	139
17	53.044	147	12.42	75	41.659	256	57.73	124	27.843	164	93.56	56	28.083	184	68.27	123
27	52.897	153	13.17	72	41.403	270	58.97	77	27.679	171	94.12	21	27.899	194	69.50	100
Nov. 6	52.744	151	13.89	68	41.133	275	59.74	26	27.508	173	94.33	16	27.705	194	70.50	74
16	52.593	141	14.57	62	40.858	272	60.00	27	27.335	167	94.17	51	27.511	184	71.24	45
26	52.452	124	15.19	53	40.586	259	59.73	79	27.168	156	93.66	87	27.327	167	71.69	13
Dez. 6	52.328	104	15.72	44	40.327	238	58.94	129	27.012	139	92.79	120	27.160	143	71.82	17
16	52.224	80	16.16	33	40.089	211	57.65	177	26.873	118	91.59	149	27.017	113	71.65	47
26	52.144	52	16.49	22	39.878	177	55.88	218	26.755	93	90.10	175	26.904	81	71.18	76
36	52.092		16.71		39.701		53.70		26.662		88.35		26.823		70.42	
Mittl. Ort	50.502		29.07		38.840		26.03		25.236		65.43		25.372		78.69	
sec δ, tg δ	1.042		−0.294		1.526		+1.152		1.109		+0.480		1.263		−0.771	
a, *a'*	+3.3		+16.6		+2.2		+16.6		+2.7		+16.9		+3.6		+16.9	
b, *b'*	−0.02		+ 0.56		+0.06		+ 0.56		+0.03		+ 0.54		−0.04		+ 0.54	

[1]) Die jährliche Parallaxe (0ʺ.114) ist bereits berücksichtigt.

*) Bei Stern 823) und 822) lies Aug. 19.

Tag	827) α Aquarii AR.		827) α Aquarii Dekl.		830) 20 Cephei AR.		830) 20 Cephei Dekl.	
1942	$22^h\ 2^m$		$-0°\ 35'$		$22^h\ 3^m$		$+62°\ 29'$	
Jan. 1	47.222	55	66.65	86	13.66	29	85.05	228
11	47.167	29	67.51	83	13.37	23	82.77	267
21	47.138	2	68.34	75	13.14	16	80.10	297
31	47.136	26	69.09	65	12.98	9	77.13	314
Febr. 10	47.162	56	69.74	49	12.89	0	73.99	320
20	47.218	87	70.23	29	12.89	8	70.79	313
März 2	47.305	119	70.52	7	12.97	16	67.66	294
12	47.424	151	70.59	19	13.13	24	64.72	262
22	47.575	183	70.40	46	13.37	32	62.10	221
Apr. 1	47.758	213	69.94	74	13.69	39	59.89	171
11	47.971	240	69.20	101	14.08	44	58.18	116
21	48.211	265	68.19	126	14.52	49	57.02	58
Mai 1	48.476	284	66.93	148	15.01	52	56.44	3
11	48.760	297	65.45	166	15.53	52	56.47	64
21	49.057	302	63.79	178	16.05	53	57.11	121
31	49.359	301	62.01	187	16.58	51	58.32	174
Juni 10	49.660	291	60.14	190	17.09	48	60.06	222
20	49.951	274	58.24	186	17.57	43	62.28	264
30	50.225	249	56.38	179	18.00	37	64.92	299
Juli 10	50.474	218	54.59	167	18.37	31	67.91	326
20	50.692	182	52.92	152	18.68	24	71.17	345
30	50.874	142	51.40	132	18.92	17	74.62	356
Aug. 9	51.016	99	50.08	112	19.09	8	78.18	360
19	[23] 51.115	55	48.96	89	[23] 19.17	0	81.78	355
28	51.170	13	48.07	67	19.17	8	85.33	343
Sept. 7	51.183	27	47.40	45	19.09	14	88.76	324
17	51.156	62	46.95	24	18.95	22	92.00	298
27	51.094	92	46.71	5	18.73	28	94.98	266
Okt. 7	51.002	115	46.66	14	18.45	32	97.64	226
17	50.887	131	46.80	29	18.13	37	99.90	182
27	50.756	140	47.09	43	17.76	40	101.72	133
Nov. 6	50.616	140	47.52	55	17.36	41	103.05	80
16	50.476	136	48.07	66	16.95	42	103.85	23
26	50.340	125	48.73	74	16.53	41	104.08	35
Dez. 6	50.215	109	49.47	81	16.12	40	103.73	93
16	50.106	90	50.28	85	15.72	36	102.80	149
26	50.016	68	51.13	87	15.36	33	101.31	200
36	49.948		52.00		15.03		99.31	
Mittl. Ort	48.298		68.47		14.57		68.19	
sec δ, tg δ	1.000		−0.011		2.166		+1.921	
a, *a'*	+3.1		+17.5		+1.8		+17.5	
b, *b'*	0.00		+ 0.49		+0.11		+ 0.49	

Tag	828) ι Aquarii AR.		828) ι Aquarii Dekl.		829) α Gruis AR.		829) α Gruis Dekl.	
1942	$22^h\ 3^m$		$-14°\ 8'$		$22^h\ 4^m$		$-47°\ 14'$	
Jan. 1	17.140	53	68.56	25	33.087	99	43.11	133
11	17.087	27	68.81	13	32.988	57	41.78	164
21	17.060	2	68.94	2	32.931	13	40.14	190
31	17.062	31	68.92	18	32.918	31	38.24	212
Febr. 10	17.093	62	68.74	36	32.949	77	36.12	230
20	17.155	93	68.38	54	33.026	122	33.82	243
März 2	17.248	124	67.84	73	33.148	167	31.39	250
12	17.372	157	67.11	94	33.315	212	28.89	253
22	17.529	189	66.17	113	33.527	254	26.36	251
Apr. 1	17.718	220	65.04	132	33.781	295	23.85	244
11	17.938	247	63.72	147	34.076	332	21.41	232
21	18.185	272	62.25	160	34.408	364	19.09	214
Mai 1	18.457	292	60.65	169	34.772	389	16.95	192
11	18.749	305	58.96	173	35.161	407	15.03	166
21	19.054	312	57.23	173	35.568	417	13.37	134
31	19.366	312	55.50	168	35.985	415	12.03	100
Juni 10	19.678	302	53.82	158	36.400	405	11.03	62
20	19.980	285	52.24	143	36.805	384	10.41	23
30	20.265	261	50.81	126	37.189	352	10.18	16
Juli 10	20.526	230	49.55	104	37.541	311	10.34	54
20	20.756	193	48.51	81	37.852	262	10.88	91
30	20.949	151	47.70	57	38.114	205	11.79	125
Aug. 9	21.100	107	47.13	32	38.319	145	13.04	153
19	[23] 21.207	62	46.81	9	[23] 38.464	81	14.57	176
28	21.269	17	46.72	13	38.545	18	16.33	191
Sept. 7	21.286	25	46.85	32	38.563	43	18.24	200
17	21.261	62	47.17	48	38.520	99	20.24	199
27	21.199	94	47.65	60	38.421	147	22.23	190
Okt. 7	21.105	119	48.25	68	38.274	185	24.13	174
17	20.986	135	48.93	73	38.089	214	25.87	150
27	20.851	144	49.66	74	37.875	230	27.37	120
Nov. 6	20.707	145	50.40	72	37.645	236	28.57	84
16	20.562	140	51.12	68	37.409	229	29.41	46
26	20.422	128	51.80	61	37.180	213	29.87	6
Dez. 6	20.294	111	52.41	54	36.967	188	29.93	35
16	20.183	90	52.95	44	36.779	157	29.58	74
26	20.093	67	53.39	33	36.622	120	28.84	110
36	20.026		53.72		36.502		27.74	
Mittl. Ort	18.386		66.69		35.203		33.79	
sec δ, tg δ	1.031		−0.252		1.473		−1.082	
a, *a'*	+3.2		+17.5		+3.8		+17.6	
b, *b'*	−0.01		+ 0.49		−0.06		+ 0.48	

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Tag	834) ϑ Pegasi				835) π Pegasi				837) 24 Cephei				836) ζ Cephei			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$22^h\ 7^m$		$+5°\ 54'$		$22^h\ 7^m$		$+32°\ 53'$		$22^h\ 8^m$		$+72°\ 3'$		$22^h\ 8^m$		$+57°\ 54'$	
Jan. 1	^{s} 15.396	61	$''$ 46.19	111	^{s} 23.668	106	$''$ 45.51	195	^{s} 40.74	50	$''$ 37.47	216	^{s} 49.477	243	$''$ 69.71	222
11	15.335	36	45.08	113	23.562	77	43.56	216	40.24	41	35.31	260	49.234	193	67.49	260
21	15.299	10	43.95	110	23.485	43	41.40	230	39.83	30	32.71	295	49.041	136	64.89	288
31	15.289	19	42.85	101	23.442	7	39.10	234	39.53	19	29.76	319	48.905	73	62.01	306
Febr. 10	15.308	49	41.84	87	23.435	32	36.76	230	39.34	6	26.57	329	48.832	4	58.95	311
20	15.357	80	40.97	69	23.467	73	34.46	214	39.28	7	23.28	327	48.828	67	55.84	303
März 2	15.437	114	40.28	44	23.540	115	32.32	190	39.35	20	20.01	312	48.895	140	52.81	283
12	15.551	146	39.84	17	23.655	157	30.42	157	39.55	32	16.89	284	49.035	211	49.98	253
22	15.697	179	39.67	13	23.812	197	28.85	118	39.87	44	14.05	246	49.246	277	47.45	212
Apr. 1	15.876	210	39.80	45	24.009	236	27.67	73	40.31	54	11.59	199	49.523	337	45.33	164
11	16.086	239	40.25	77	24.245	269	26.94	25	40.85	63	9.60	145	49.860	388	43.69	110
21	16.325	264	41.02	108	24.514	297	26.69	24	41.48	68	8.15	86	50.248	427	42.59	51
Mai 1	16.589	283	42.10	135	24.811	318	26.93	72	42.16	73	7.29	25	50.675	456	42.08	8
11	16.872	297	43.45	160	25.129	331	27.65	118	42.89	75	7.04	36	51.131	470	42.16	66
21	17.169	303	45.05	179	25.460	335	28.83	162	43.64	75	7.40	96	51.601	471	42.82	123
31	17.472	301	46.84	193	25.795	330	30.45	199	44.39	72	8.36	152	52.072	459	44.05	175
Juni 10	17.773	291	48.77	202	26.125	317	32.44	230	45.11	67	9.88	203	52.531	434	45.80	222
20	18.064	275	50.79	205	26.442	294	34.74	255	45.78	60	11.91	249	52.965	397	48.02	262
30	18.339	250	52.84	203	26.736	265	37.29	274	46.38	52	14.40	288	53.362	350	50.64	295
Juli 10	18.589	220	54.87	196	27.001	228	40.03	285	46.90	43	17.28	319	53.712	293	53.59	322
20	18.809	184	56.83	183	27.229	186	42.88	290	47.33	33	20.47	343	54.005	230	56.81	339
30	18.993	143	58.66	168	27.415	140	45.78	288	47.66	22	23.90	359	54.235	163	60.20	350
Aug. 9	19.136	101	60.34	149	27.555	92	48.66	279	47.88	10	27.49	367	54.398	93	63.70	352
19	19.237	57	61.83	129	27.647	44	51.45	266	47.98	2	31.16	367	54.491	23	67.22	348
28	24 19.294	15	63.12	106	24 27.691	4	54.11	246	24 47.96	12	34.83	360	24 54.514	47	70.70	335
Sept. 7	19.309	24	64.18	82	27.687	48	56.57	223	47.84	24	38.43	344	54.467	111	74.05	315
17	19.285	60	65.00	60	27.639	87	58.80	195	47.60	34	41.87	321	54.356	170	77.20	290
27	19.225	90	65.60	36	27.552	121	60.75	164	47.26	42	45.08	292	54.186	223	80.10	257
Okt. 7	19.135	114	65.96	15	27.431	148	62.39	129	46.84	50	48.00	254	53.963	268	82.67	219
17	19.021	129	66.11	6	27.283	168	63.68	93	46.34	57	50.54	212	53.695	303	84.86	176
27	18.892	139	66.05	26	27.115	181	64.61	53	45.77	62	52.66	163	53.392	328	86.62	127
Nov. 6	18.753	141	65.79	43	26.934	186	65.14	13	45.15	65	54.29	109	53.064	344	87.89	76
16	18.612	137	65.36	61	26.748	185	65.27	29	44.50	67	55.38	51	52.720	350	88.65	21
26	18.475	128	64.75	77	26.563	178	64.98	69	43.83	67	55.89	9	52.370	345	88.86	36
Dez. 6	18.347	113	63.98	90	26.385	164	64.29	109	43.16	65	55.80	70	52.025	330	88.50	92
16	18.234	95	63.08	101	26.221	145	63.20	146	42.51	61	55.10	129	51.695	306	87.58	145
26	18.139	75	62.07	108	26.076	123	61.74	177	41.90	56	53.81	185	51.389	270	86.13	195
36	18.064		60.99		25.953		59.97		41.34		51.96		51.119		84.18	
Mittl. Ort	16.387		42.72		24.483		34.71		41.77		19.29		50.282		53.55	
sec δ, tg δ	1.005		+0.104		1.191		+0.647		3.246		+3.088		1.883		+1.595	
a, *a′*	+3.0		+17.7		+2.7		+17.7		+1.1		+17.7		+2.1		+17.7	
b, *b′*	+0.01		+ 0.47		+0.04		+ 0.47		+0.18		+ 0.47		+0.09		+ 0.47	

Tag	840) ϑ Aquarii				841) α Tucanae				842) γ Aquarii				844) β Lacertae			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$22^h\ 13^m$		−8° 4′		$22^h\ 14^m$		−60° 32′		$22^h\ 18^m$		−1° 40′		$22^h\ 21^m$		+51° 56′	
Jan. 1	$45^s.328$	60	22″.87	53	$29^s.86$	18	70″.33	185	$38^s.622$	65	48″.02	79	$15^s.774$	204	31″.69	208
11	45.268	35	23.40	43	29.68	12	68.48	221	38.557	41	48.81	74	15.570	165	29.61	244
21	45.233	10	23.83	32	29.56	7	66.27	252	38.516	16	49.55	67	15.405	119	27.17	272
31	45.223	19	24.15	18	29.49	0	63.75	277	38.500	11	50.22	55	15.286	68	24.45	288
Febr. 10	45.242	48	24.33	1	29.49	7	60.98	293	38.511	41	50.77	40	15.218	11	21.57	294
20	45.290	79	24.34	18	29.56	13	58.05	304	38.552	71	51.17	21	15.207	48	18.63	287
März 2	45.369	111	24.16	39	29.69	19	55.01	308	38.623	104	51.38	2	15.255	110	15.76	268
12	45.480	144	23.77	63	29.88	26	51.93	305	38.727	136	51.36	27	15.365	172	13.08	240
22	45.624	176	23.14	85	30.14	32	48.88	296	38.863	170	51.09	53	15.537	230	10.68	201
Apr. 1	45.800	207	22.29	108	30.46	37	45.92	281	39.033	202	50.56	80	15.767	284	8.67	155
11	46.007	237	21.21	129	30.83	42	43.11	260	39.235	231	49.76	105	16.051	331	7.12	103
21	46.244	262	19.92	148	31.25	47	40.51	232	39.466	257	48.71	130	16.382	370	6.09	48
Mai 1	46.506	283	18.44	163	31.72	50	38.19	201	39.723	279	47.41	151	16.752	399	5.61	10
11	46.789	298	16.81	173	32.22	53	36.18	165	40.002	294	45.90	168	17.151	416	5.71	66
21	47.087	306	15.08	180	32.75	54	34.53	123	40.296	303	44.22	181	17.567	422	6.37	120
31	47.393	307	13.28	180	33.29	54	33.30	80	40.599	304	42.41	188	17.989	415	7.57	170
Juni 10	47.700	299	11.48	176	33.83	53	32.50	34	40.903	296	40.53	189	18.404	398	9.27	215
20	47.999	284	9.72	167	34.36	50	32.16	13	41.199	282	38.64	187	18.802	369	11.42	253
30	48.283	261	8.05	153	34.86	47	32.29	58	41.481	260	36.77	178	19.171	331	13.95	286
Juli 10	48.544	231	6.52	136	35.33	41	32.87	103	41.741	230	34.99	165	19.502	284	16.81	310
20	48.775	196	5.16	116	35.74	35	33.90	144	41.971	196	33.34	149	19.786	232	19.91	328
30	48.971	156	4.00	94	36.09	28	35.34	180	42.167	156	31.85	130	20.018	173	23.19	337
Aug. 9	49.127	114	3.06	71	36.37	20	37.14	210	42.323	115	30.55	109	20.191	112	26.56	339
19	49.241	69	2.35	47	36.57	11	39.24	232	42.438	71	29.46	85	20.303	51	29.95	334
28	^{25}49.310	26	1.88	24	^{26}36.68	3	41.56	247	^{27}42.509	29	28.61	63	^{27}20.354	9	33.29	321
Sept. 7	49.336	15	1.64	3	36.71	6	44.03	251	42.538	11	27.98	40	20.345	67	36.50	304
17	49.321	52	1.61	16	36.65	13	46.54	246	42.527	48	27.58	19	20.278	119	39.54	278
27	49.269	83	1.77	33	36.52	21	49.00	231	42.479	79	27.39	0	20.159	166	42.32	247
Okt. 7	49.186	108	2.10	45	36.31	26	51.31	207	42.400	103	27.39	17	19.993	206	44.79	210
17	49.078	126	2.55	55	36.05	31	53.38	174	42.297	122	27.56	33	19.787	238	46.89	170
27	48.952	136	3.10	63	35.74	34	55.12	134	42.175	132	27.89	46	19.549	262	48.59	124
Nov. 6	48.816	138	3.73	67	35.40	35	56.46	88	42.043	136	28.35	57	19.287	276	49.83	75
16	48.678	135	4.40	69	35.05	35	57.34	39	41.907	133	28.92	66	19.011	283	50.58	23
26	48.543	126	5.09	69	34.70	33	57.73	13	41.774	125	29.58	72	18.728	281	50.81	31
Dez. 6	48.417	112	5.78	67	34.37	30	57.60	64	41.649	113	30.30	77	18.447	270	50.50	84
16	48.305	94	6.45	63	34.07	27	56.96	112	41.536	97	31.07	80	18.177	252	49.66	135
26	48.211	72	7.08	58	33.80	21	55.84	159	41.439	77	31.87	81	17.925	225	48.31	181
36	48.139		7.66		33.59		54.25		41.362		32.68		17.700		46.50	
Mittl. Ort	46.441		22.12		32.79		58.25		39.635		48.88		16.445		16.61	
sec δ, tg δ	1.010		−0.142		2.034		−1.771		1.000		−0.029		1.622		+1.277	
a, *a′*	+3.2		+17.9		+4.1		+18.0		+3.1		+18.1		+2.4		+18.2	
b, *b′*	−0.01		+0.45		−0.11		+0.44		0.00		+0.43		+0.08		+0.42	

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Tag	848) α Lacertae AR.	Δ	848) α Lacertae Dekl.	Δ	850) η Aquarii AR.	Δ	850) η Aquarii Dekl.	Δ	852) 10 Lacertae AR.	Δ	852) 10 Lacertae Dekl.	Δ	855) ζ Pegasi AR.	Δ	855) ζ Pegasi Dekl.	Δ
1942	22h 28m		+49° 58′		22h 32m		−0° 24′		22h 36m		+38° 44′		22h 38m		+10° 31′	
Jan. 1	53.181	196	76.54	199	21.618	74	60.50	82	38.648	145	64.38	181	33.274	86	44.89	118
11	52.985	161	74.55	235	21.544	53	61.32	79	38.503	119	62.57	210	33.188	64	43.71	123
21	52.824	119	72.20	262	21.491	28	62.11	71	38.384	86	60.47	231	33.124	41	42.48	123
31	52.705	71	69.58	279	21.463	3	62.82	60	38.298	50	58.16	243	33.083	15	41.25	119
Febr. 10	52.634	18	66.79	285	21.460	26	63.42	46	38.248	9	55.73	245	33.068	15	40.06	109
20	52.616	39	63.94	279	21.486	57	63.88	27	38.239	35	53.28	237	33.083	47	38.97	92
März 2	52.655	97	61.15	263	21.543	89	64.15	4	38.274	82	50.91	219	33.130	81	38.05	70
12	52.752	156	58.52	235	21.632	123	64.19	20	38.356	130	48.72	191	33.211	116	37.35	43
22	52.908	214	56.17	197	21.755	157	63.99	47	38.486	177	46.81	156	33.327	151	36.92	13
Apr. 1	53.122	267	54.20	153	21.912	191	63.52	74	38.663	222	45.25	113	33.478	187	36.79	20
11	53.389	313	52.67	102	22.103	222	62.78	102	38.885	263	44.12	66	33.665	220	36.99	54
21	53.702	353	51.65	48	22.325	250	61.76	126	39.148	298	43.46	16	33.885	250	37.53	87
Mai 1	54.055	383	51.17	8	22.575	273	60.50	149	39.446	325	43.30	34	34.135	273	38.40	118
11	54.438	402	51.25	63	22.848	291	59.01	167	39.771	345	43.64	84	34.408	292	39.58	148
21	54.840	409	51.88	116	23.139	301	57.34	181	40.116	355	44.48	130	34.700	303	41.06	172
31	55.249	406	53.04	166	23.440	304	55.53	189	40.471	355	45.78	174	35.003	307	42.78	191
Juni 10	55.655	391	54.70	211	23.744	300	53.64	194	40.826	345	47.52	211	35.310	301	44.69	205
20	56.046	366	56.81	248	24.044	287	51.70	191	41.171	327	49.63	243	35.611	289	46.74	214
30	56.412	330	59.29	281	24.331	266	49.79	185	41.498	299	52.06	268	35.900	268	48.88	217
Juli 10	56.742	287	62.10	305	24.597	239	47.94	173	41.797	264	54.74	287	36.168	241	51.05	213
20	57.029	237	65.15	322	24.836	206	46.21	157	42.061	224	57.61	298	36.409	208	53.18	206
30	57.266	182	68.37	332	25.042	168	44.64	139	42.285	177	60.59	302	36.617	170	55.24	194
Aug. 9	57.448	124	71.69	334	25.210	126	43.25	117	42.462	128	63.61	301	36.787	129	57.18	177
19	57.572	65	75.03	330	25.336	84	42.08	95	42.590	78	66.62	292	36.916	86	58.95	159
29	57.637	7	78.33	318	25.420	42	41.13	72	42.668	29	69.54	278	37.002	44	60.54	137
Sept. 7	[29] 57.644	49	81.51	300	[30] 25.462	2	40.41	49	[31] 42.697	19	72.32	259	[1] 37.046	4	61.91	113
17	57.595	100	84.51	275	25.464	35	39.92	27	42.678	62	74.91	234	37.050	32	63.04	90
27	57.495	146	87.26	246	25.429	68	39.65	7	42.616	101	77.25	205	37.018	65	63.94	66
Okt. 7	57.349	184	89.72	211	25.361	93	39.58	12	42.515	134	79.30	172	36.953	91	64.60	41
17	57.165	216	91.83	171	25.268	112	39.70	28	42.381	160	81.02	135	36.862	112	65.01	18
27	56.949	241	93.54	126	25.156	126	39.98	43	42.221	179	82.37	96	36.750	126	65.19	4
Nov. 6	56.708	255	94.80	78	25.030	131	40.41	54	42.042	192	83.33	53	36.624	133	65.15	27
16	56.453	263	95.58	28	24.899	132	40.95	64	41.850	197	83.86	10	36.491	135	64.88	48
26	56.190	263	95.86	24	24.767	126	41.59	72	41.653	197	83.96	35	36.356	131	64.40	66
Dez. 6	55.927	255	95.62	76	24.641	115	42.31	78	41.456	190	83.61	79	36.225	123	63.74	84
16	55.672	239	94.86	126	24.526	102	43.09	82	41.266	178	82.82	121	36.102	112	62.90	100
26	55.433	215	93.60	173	24.424	85	43.91	83	41.088	159	81.61	160	35.990	95	61.90	111
36	55.218		91.87		24.339		44.74		40.929		80.01		35.895		60.79	
Mittl. Ort	53.789		61.89		22.549		61.17		39.243		52.44		34.063		41.10	
sec δ, tg δ	1.555		+1.191		1.000		−0.007		1.282		+0.802		1.017		+0.186	
a, *a′*	+2.5		+18.5		+3.1		+18.6		+2.7		+18.7		+3.0		+18.8	
b, *b′*	+0.07		+ 0.39		0.00		+ 0.37		+0.05		+ 0.36		+0.01		+ 0.35	

Tag	856) β Gruis AR.		856) β Gruis Dekl.		857) η Pegasi AR.		857) η Pegasi Dekl.		859) λ Pegasi AR.		859) λ Pegasi Dekl.		860) ε Gruis AR.		860) ε Gruis Dekl.	
1942	22h 39m		−47° 10′		22h 40m		+29° 54′		22h 43m		+23° 15′		22h 45m		−51° 36′	
	s		"		s		"		s		"		s		"	
Jan. 1	10.873	138	90.52	111	16.143	120	72.28	164	43.395	107	43.36	149	1.624	165	93.63	125
11	10.735	102	89.41	148	16.023	96	70.64	187	43.288	85	41.87	165	1.459	126	92.38	163
21	10.633	62	87.93	179	15.927	69	68.77	202	43.203	60	40.22	176	1.333	83	90.75	198
31	10.571	22	86.14	207	15.858	38	66.75	209	43.143	32	38.46	179	1.250	38	88.77	228
Febr. 10	10.549	22	84.07	231	15.820	2	64.66	207	43.111	1	36.67	175	1.212	9	86.49	252
20	10.571	67	81.76	249	15.818	37	62.59	197	43.112	36	34.92	163	1.221	59	83.97	271
März 2	10.638	113	79.27	262	15.855	77	60.62	177	43.148	74	33.29	142	1.280	110	81.26	283
12	10.751	160	76.65	270	15.932	119	58.85	149	43.222	113	31.87	115	1.390	161	78.43	290
22	10.911	206	73.95	273	16.051	161	57.36	115	43.335	152	30.72	82	1.551	212	75.53	290
Apr. 1	11.117	251	71.22	270	16.212	203	56.21	76	43.487	192	29.90	45	1.763	262	72.63	286
11	11.368	294	68.52	261	16.415	240	55.45	32	43.679	227	29.45	4	2.025	308	69.77	275
21	11.662	332	65.91	247	16.655	272	55.13	14	43.906	259	29.41	37	2.333	351	67.02	257
Mai 1	11.994	364	63.44	227	16.927	299	55.27	59	44.165	284	29.78	78	2.684	387	64.45	235
11	12.358	390	61.17	202	17.226	318	55.86	103	44.449	305	30.56	118	3.071	415	62.10	206
21	12.748	408	59.15	172	17.544	329	56.89	144	44.754	316	31.74	152	3.486	435	60.04	174
31	13.156	415	57.43	138	17.873	331	58.33	180	45.070	320	33.26	184	3.921	445	58.30	136
Juni 10	13.571	412	56.05	100	18.204	325	60.13	211	45.390	314	35.10	210	4.366	444	56.94	95
20	13.983	399	55.05	59	18.529	308	62.24	237	45.704	300	37.20	229	4.810	430	55.99	51
30	14.382	374	54.46	17	18.837	285	64.61	255	46.004	278	39.49	244	5.240	406	55.48	6
Juli 10	14.756	341	54.29	25	19.122	253	67.16	268	46.282	250	41.93	251	5.646	371	55.42	38
20	15.097	297	54.54	66	19.375	217	69.84	274	46.532	215	44.44	252	6.017	325	55.80	81
30	15.394	245	55.20	104	19.592	175	72.58	274	46.747	175	46.96	249	6.342	271	56.61	121
Aug. 9	15.639	189	56.24	139	19.767	130	75.32	267	46.922	133	49.45	239	6.613	210	57.82	157
19	15.828	128	57.63	168	19.897	84	77.99	256	47.055	89	51.84	225	6.823	144	59.39	187
29	15.956	65	59.31	190	19.981	38	80.55	240	47.144	45	54.09	207	6.967	76	61.26	210
Sept. 7	16.021	4	61.21	205	20.019	6	82.95	218	47.189	3	56.16	185	7.043	9	63.36	225
17	16.025	54	63.26	212	20.013	45	85.13	194	47.192	35	58.01	161	7.052	55	65.61	230
27	15.971	107	65.38	209	19.968	81	87.07	165	47.157	69	59.62	133	6.997	113	67.91	226
Okt. 7	15.864	151	67.47	198	19.887	111	88.72	135	47.088	98	60.95	105	6.884	163	70.17	213
17	15.713	186	69.45	178	19.776	135	90.07	102	46.990	120	62.00	75	6.721	204	72.30	192
27	15.527	210	71.23	152	19.641	151	91.09	66	46.870	136	62.75	44	6.517	233	74.22	162
Nov. 6	15.317	224	72.75	119	19.490	162	91.75	30	46.734	146	63.19	12	6.284	250	75.84	126
16	15.093	228	73.94	80	19.328	166	92.05	8	46.588	151	63.31	20	6.034	256	77.10	84
26	14.865	221	74.74	40	19.162	166	91.97	45	46.437	149	63.11	52	5.778	251	77.94	39
Dez. 6	14.644	205	75.14	3	18.996	159	91.52	82	46.288	143	62.59	82	5.527	236	78.33	8
16	14.439	183	75.11	45	18.837	147	90.70	117	46.145	131	61.77	111	5.291	213	78.25	53
26	14.256	155	74.66	86	18.690	131	89.53	147	46.014	118	60.66	135	5.078	183	77.72	98
36	14.101		73.80		18.559		88.06		45.896		59.31		4.895		76.74	
Mittl. Ort	12.766		78.54		16.769		62.77		44.049		35.85		3.683		80.40	
sec δ, tg δ	1.472		−1.079		1.154		+0.575		1.088		+0.430		1.611		−1.263	
a, *a′*	+3.6		+18.8		+2.8		+18.8		+2.9		+18.9		+3.6		+19.0	
b, *b′*	−0.07		+ 0.35		+0.04		+ 0.34		+0.03		+ 0.33		−0.08		+ 0.32	

Tag	863) ι Cephei AR.	Diff.	863) ι Cephei Dekl.	Diff.	864) λ Aquarii AR.	Diff.	864) λ Aquarii Dekl.	Diff.	865) ρ Indi AR.	Diff.	865) ρ Indi Dekl.	Diff.	866) δ Aquarii AR.	Diff.	866) δ Aquarii Dekl.	Diff.
1942	$22^h\ 47^m$		$+65°\ 53'$		$22^h\ 49^m$		$-7°\ 52'$		$22^h\ 50^m$		$-70°\ 22'$		$22^h\ 51^m$		$-16°\ 7'$	
Jan. 1	$36.^s16$	40	$59.''88$	175	$34.^s412$	83	$81.''77$	54	$35.^s39$	39	$78.''81$	190	$33.^s399$	87	$52.''03$	23
11	35.76	34	58.13	224	34.329	64	82.31	43	35.00	32	76.91	235	33.312	67	52.26	6
21	35.42	28	55.89	263	34.265	41	82.74	30	34.68	23	74.56	274	33.245	44	52.32	13
31	35.14	20	53.26	292	34.224	16	83.04	15	34.45	14	71.82	305	33.201	17	52.19	32
Febr. 10	34.94	11	50.34	310	34.208	11	83.19	2	34.31	4	68.77	328	33.184	10	51.87	52
20	34.83	3	47.24	315	34.219	41	83.17	22	34.27	5	65.49	343	33.194	41	51.35	74
März 2	34.80	7	44.09	308	34.260	74	82.95	44	34.32	15	62.06	350	33.235	74	50.61	94
12	34.87	17	41.01	289	34.334	107	82.51	66	34.47	24	58.56	349	33.309	109	49.67	115
22	35.04	27	38.12	257	34.441	143	81.85	90	34.71	33	55.07	341	33.418	144	48.52	135
Apr. 1	35.31	35	35.55	217	34.584	177	80.95	113	35.04	43	51.66	325	33.562	180	47.17	153
11	35.66	43	33.38	169	34.761	211	79.82	134	35.47	51	48.41	303	33.742	214	45.64	170
21	36.09	50	31.69	115	34.972	241	78.48	154	35.98	58	45.38	274	33.956	245	43.94	181
Mai 1	36.59	54	30.54	57	35.213	268	76.94	170	36.56	64	42.64	239	34.201	272	42.13	190
11	37.13	58	29.97	2	35.481	287	75.24	181	37.20	69	40.25	199	34.473	294	40.23	195
21	37.71	59	29.99	61	35.768	302	73.43	188	37.89	72	38.26	154	34.767	308	38.28	193
31	38.30	59	30.60	117	36.070	308	71.55	190	38.61	75	36.72	105	35.075	316	36.35	186
Juni 10	38.89	57	31.77	169	36.378	307	69.65	187	39.36	74	35.67	55	35.391	315	34.49	176
20	39.46	53	33.46	218	36.685	296	67.78	178	40.10	72	35.12	2	35.706	306	32.73	159
30	39.99	49	35.64	260	36.981	279	66.00	165	40.82	69	35.10	50	36.012	288	31.14	139
Juli 10	40.48	43	38.24	295	37.260	254	64.35	148	41.51	62	35.60	101	36.300	263	29.75	115
20	40.91	35	41.19	323	37.514	223	62.87	127	42.13	55	36.61	149	36.563	232	28.60	89
30	41.26	27	44.42	344	37.737	186	61.60	103	42.68	46	38.10	191	36.795	195	27.71	62
Aug. 9	41.53	20	47.86	357	37.923	146	60.57	80	43.14	35	40.01	227	36.990	153	27.09	33
19	41.73	10	51.43	362	38.069	104	59.77	54	43.49	24	42.28	257	37.143	110	26.76	6
29	41.83	2	55.05	359	38.173	61	59.23	29	43.73	12	44.85	276	37.253	66	26.70	21
Sept. 7	[3] 41.85	6	58.64	350	[3] 38.234	20	58.94	6	[4] 43.85	1	47.61	286	[4] 37.319	22	26.91	43
17	41.79	14	62.14	332	38.254	19	58.88	15	43.84	12	50.47	285	37.341	17	27.34	62
27	41.65	22	65.46	308	38.235	52	59.03	33	43.72	24	53.32	272	37.324	53	27.96	77
Okt. 7	41.43	29	68.54	277	38.183	80	59.36	48	43.48	34	56.04	249	37.271	83	28.73	88
17	41.14	34	71.31	239	38.103	102	59.84	60	43.14	42	58.53	216	37.188	106	29.61	93
27	40.80	39	73.70	194	38.001	118	60.44	68	42.72	48	60.69	174	37.082	122	30.54	94
Nov. 6	40.41	42	75.64	144	37.883	127	61.12	72	42.24	52	62.43	124	36.960	132	31.48	91
16	39.99	45	77.08	91	37.756	129	61.84	75	41.72	55	63.67	70	36.828	135	32.39	85
26	39.54	47	77.99	33	37.627	126	62.59	73	41.17	54	64.37	12	36.693	133	33.24	75
Dez. 6	39.07	47	78.32	27	37.501	119	63.32	71	40.63	53	64.49	47	36.560	124	33.99	63
16	38.60	45	78.05	85	37.382	107	64.03	66	40.10	48	64.02	105	36.436	112	34.62	48
26	38.15	42	77.20	142	37.275	93	64.69	59	39.62	43	62.97	159	36.324	97	35.10	33
36	37.73		75.78		37.182		65.28		39.19		61.38		36.227		35.43	
Mittl. Ort	36.51		42.36		35.344		79.38		39.24		62.73		34.436		47.03	
sec δ, tg δ	2.448		+2.235		1.010		−0.138		2.979		−2.806		1.041		−0.289	
$a,\ a'$	+2.1		+19.1		+3.1		+19.1		+4.2		+19.1		+3.2		+19.2	
$b,\ b'$	+0.14		+ 0.31		−0.01		+ 0.30		−0.18		+ 0.30		−0.02		+ 0.29	

Tag	867) ϰ Pisc. austr. AR.		Dekl.		869) ο Andromedae AR.		Dekl.		870) β Pegasi AR.		Dekl.		871) α Pegasi AR.		Dekl.	
1942	$22^h\ 54^m$		$-29°\ 55'$		$22^h\ 59^m$		$+42°\ 0'$		$23^h\ 0^m$		$+27°\ 45'$		$23^h\ 1^m$		$+14°\ 53'$	
	s		"		s		"		s		"		s		"	
Jan. 1	25.737	104	57.35	30	14.390	172	62.93	164	56.994	125	72.73	145	51.535	103	38.60	120
11	25.633	80	57.05	58	14.218	149	61.29	197	56.869	106	71.28	167	51.432	85	37.40	130
21	25.553	53	56.47	85	14.069	119	59.32	223	56.763	82	69.61	183	51.347	64	36.10	135
31	25.500	24	55.62	110	13.950	83	57.09	241	56.681	54	67.78	190	51.283	39	34.75	134
Febr. 10	25.476	7	54.52	135	13.867	42	54.68	249	56.627	22	65.88	191	51.244	11	33.41	127
20	25.483	41	53.17	156	13.825	4	52.19	246	56.605	15	63.97	182	51.233	21	32.14	114
März 2	25.524	78	51.61	175	13.829	54	49.73	233	56.620	55	62.15	165	51.254	55	31.00	95
12	25.602	115	49.86	192	13.883	105	47.40	210	56.675	96	60.50	140	51.309	93	30.05	69
22	25.717	153	47.94	207	13.988	156	45.30	178	56.771	139	59.10	110	51.402	131	29.36	39
Apr. 1	25.870	192	45.87	216	14.144	206	43.52	138	56.910	181	58.00	72	51.533	169	28.97	7
11	26.062	229	43.71	221	14.350	253	42.14	94	57.091	220	57.28	31	51.702	206	28.90	29
21	26.291	263	41.50	223	14.603	294	41.20	45	57.311	256	56.97	11	51.908	238	29.19	64
Mai 1	26.554	292	39.27	220	14.897	326	40.75	5	57.567	285	57.08	54	52.146	266	29.83	99
11	26.846	316	37.07	210	15.223	351	40.80	56	57.852	308	57.62	96	52.412	289	30.82	130
21	27.162	334	34.97	196	15.574	367	41.36	104	58.160	323	58.58	135	52.701	303	32.12	159
31	27.496	342	33.01	176	15.941	371	42.40	150	58.483	329	59.93	171	53.004	311	33.71	184
Juni 10	27.838	342	31.25	153	16.312	366	43.90	191	58.812	326	61.64	201	53.315	309	35.55	202
20	28.180	334	29.72	124	16.678	350	45.81	227	59.138	314	63.65	225	53.624	299	37.57	215
30	28.514	316	28.48	93	17.028	326	48.08	257	59.452	295	65.90	244	53.923	282	39.72	223
Juli 10	28.830	290	27.55	60	17.354	293	50.65	279	59.747	267	68.34	257	54.205	257	41.95	226
20	29.120	257	26.95	24	17.647	254	53.44	296	60.014	234	70.91	262	54.462	226	44.21	222
30	29.377	217	26.71	10	17.901	208	56.40	305	60.248	194	73.53	263	54.688	190	46.43	212
Aug. 9	29.594	172	26.81	43	18.109	160	59.45	307	60.442	152	76.16	258	54.878	151	48.55	200
19	29.766	124	27.24	73	18.269	109	62.52	304	60.594	108	78.74	247	55.029	109	50.55	184
29	29.890	75	27.97	100	18.378	58	65.56	293	60.702	64	81.21	231	55.138	67	52.39	163
Sept. 7	(5) 29.965	27	28.97	121	(6) 18.436	9	68.49	278	(6) 60.766	21	83.52	212	(7) 55.205	27	54.02	142
17	29.992	18	30.18	137	18.445	38	71.27	256	60.787	20	85.64	188	55.232	12	55.44	118
27	29.974	59	31.55	147	18.407	79	73.83	230	60.767	55	87.52	163	55.220	45	56.62	93
Okt. 7	29.915	94	33.02	148	18.328	116	76.13	200	60.712	86	89.15	134	55.175	73	57.55	69
17	29.821	121	34.50	144	18.212	147	78.13	164	60.626	112	90.49	104	55.102	97	58.24	43
27	29.700	141	35.94	134	18.065	171	79.77	125	60.514	131	91.53	70	55.005	114	58.67	18
Nov. 6	29.559	153	37.28	117	17.894	189	81.02	84	60.383	145	92.23	37	54.891	126	58.85	7
16	29.406	157	38.45	96	17.705	200	81.86	39	60.238	152	92.60	2	54.765	131	58.78	31
26	29.249	154	39.41	72	17.505	206	82.25	6	60.085	155	92.62	33	54.634	133	58.47	54
Dez. 6	29.095	146	40.13	45	17.299	205	82.19	53	59.931	153	92.29	67	54.501	130	57.93	75
16	28.949	132	40.58	17	17.094	197	81.66	97	59.778	146	91.62	100	54.371	121	57.18	94
26	28.817	115	40.75	12	16.897	184	80.69	140	59.632	134	90.62	129	54.250	111	56.24	111
36	28.702		40.63		16.713		79.29		59.498		89.33		54.139		55.13	
Mittl. Ort	27.009		48.29		14.799		50.48		57.507		64.30		52.156		34.20	
sec δ, tg δ	1.154		− 0.576		1.346		+0.901		1.130		+0.526		1.035		+0.266	
a, *a′*	+3.3		+19.2		+2.8		+19.3		+2.9		+19.4		+3.0		+19.4	
b, *b′*	−0.04		+ 0.28		+0.06		+ 0.26		+0.03		+ 0.25		+0.02		+ 0.25	

Tag	872) ϑ Gruis AR.	Δ	872) ϑ Gruis Dekl.	Δ	874) π Cephei AR.	Δ	874) π Cephei Dekl.	Δ
1942	23h 3m		−43° 49′		23h 6m		+75° 4′	
Jan. 1	35.547	149	75.47	80	2.82	72	44.50	141
11	35.398	119	74.67	117	2.10	64	43.09	194
21	35.279	87	73.50	152	1.46	55	41.15	242
31	35.192	51	71.98	184	0.91	43	38.73	280
Febr. 10	35.141	13	70.14	210	0.48	29	35.93	306
20	35.128	28	68.04	233	0.19	14	32.87	320
März 2	35.156	71	65.71	251	0.05	2	29.67	322
12	35.227	117	63.20	263	0.07	18	26.45	310
22	35.344	163	60.57	271	0.25	33	23.35	286
Apr. 1	35.507	207	57.86	274	0.58	48	20.49	252
11	35.714	251	55.12	270	1.06	60	17.97	208
21	35.965	292	52.42	261	1.66	71	15.89	158
Mai 1	36.257	328	49.81	246	2.37	80	14.31	102
11	36.585	357	47.35	225	3.17	85	13.29	44
21	36.942	378	45.10	199	4.02	88	12.85	16
31	37.320	391	43.11	168	4.90	89	13.01	75
Juni 10	37.711	394	41.43	133	5.79	86	13.76	131
20	38.105	387	40.10	94	6.65	82	15.07	182
30	38.492	368	39.16	53	7.47	76	16.89	230
Juli 10	38.860	341	38.63	10	8.23	67	19.19	272
20	39.201	304	38.53	32	8.90	56	21.91	306
30	39.505	259	38.85	73	9.46	46	24.97	333
Aug. 9	39.764	208	39.58	110	9.92	33	28.30	354
19	39.972	153	40.68	144	10.25	20	31.84	367
29	40.125	94	42.12	171	10.45	8	35.51	372
Sept. 7*)	^{7}40.219	37	43.83	191	^{8}10.53	6	39.23	369
17	40.256	19	45.74	204	10.47	18	42.92	358
27	40.237	69	47.78	208	10.29	30	46.50	340
Okt. 7	40.168	114	49.86	203	9.99	42	49.90	314
17	40.054	151	51.89	189	9.57	51	53.04	280
27	39.903	177	53.78	168	9.06	61	55.84	240
Nov. 6	39.726	196	55.46	140	8.45	68	58.24	193
16	39.530	205	56.86	106	7.77	73	60.17	139
26	39.325	205	57.92	68	7.04	78	61.56	81
Dez. 6	39.120	196	58.60	28	6.26	79	62.37	20
16	38.924	182	58.88	14	5.47	78	62.57	42
26	38.742	160	58.74	55	4.69	76	62.15	103
36	38.582		58.19		3.93		61.12	
Mittl. Ort	37.138		62.45		2.71		25.87	
sec δ, tg δ	1.386		−0.960		3.882		+3.751	
a, *a′*	+3.4		+19.4		+1.9		+19.5	
b, *b′*	−0.06		+ 0.24		+0.24		+ 0.23	

Tag	873) 88 Aquarii AR.	Δ	873) 88 Aquarii Dekl.	Δ	875) Br 3077 Cass[1]) AR.	Δ	875) Br 3077 Cass[1]) Dekl.	Δ
1942	23h 6m		−21° 28′		23h 10m		+56° 50′	
Jan. 1	20.350	100	82.51	7	28.572	275	68.04	154
11	20.250	81	82.58	16	28.297	244	66.50	200
21	20.169	59	82.42	39	28.053	204	64.50	237
31	20.110	33	82.03	62	27.849	153	62.13	265
Febr. 10	20.077	5	81.41	85	27.696	95	59.48	283
20	20.072	26	80.56	107	27.601	30	56.65	290
März 2	20.098	59	79.49	128	27.571	40	53.75	284
12	20.157	95	78.21	148	27.611	113	50.91	266
22	20.252	133	76.73	167	27.724	185	48.25	239
Apr. 1	20.385	170	75.06	183	27.909	254	45.86	201
11	20.555	206	73.23	196	28.163	318	43.85	157
21	20.761	240	71.27	204	28.481	373	42.28	106
Mai 1	21.001	269	69.23	209	28.854	417	41.22	52
11	21.270	294	67.14	208	29.271	451	40.70	4
21	21.564	313	65.06	202	29.722	470	40.74	60
31	21.877	322	63.04	191	30.192	477	41.34	113
Juni 10	22.199	324	61.13	175	30.669	471	42.47	163
20	22.523	318	59.38	154	31.140	451	44.10	209
30	22.841	302	57.84	130	31.591	420	46.19	248
Juli 10	23.143	280	56.54	101	32.011	378	48.67	282
20	23.423	249	55.53	71	32.389	328	51.49	308
30	23.672	213	54.82	39	32.717	272	54.57	328
Aug. 9	23.885	172	54.43	8	32.989	210	57.85	339
19	24.057	128	54.35	22	33.199	145	61.24	345
29	24.185	83	54.57	49	33.344	81	64.69	342
Sept. 7*)	^{8}24.268	39	55.06	74	^{9}33.425	16	68.11	332
17	24.307	4	55.80	93	33.441	45	71.43	317
27	24.303	41	56.73	107	33.396	102	74.60	293
Okt. 7	24.262	74	57.80	116	33.294	154	77.53	264
17	24.188	100	58.96	118	33.140	198	80.17	230
27	24.088	119	60.14	117	32.942	237	82.47	188
Nov. 6	23.969	132	61.31	108	32.705	267	84.35	143
16	23.837	138	62.39	96	32.438	289	85.78	92
26	23.699	138	63.35	81	32.149	303	86.70	40
Dez. 6	23.561	133	64.16	63	31.846	309	87.10	15
16	23.428	122	64.79	42	31.537	304	86.95	70
26	23.306	109	65.21	21	31.233	290	86.25	123
36	23.197		65.42		30.943		85.02	
Mittl. Ort	21.391		75.12		28.753		52.40	
sec δ, tg δ	1.075		−0.394		1.829		+1.531	
a, *a′*	+3.2		+19.5		+2.6		+19.6	
b, *b′*	−0.03		+ 0.23		+0.10		+ 0.21	

[1]) Die jährliche Parallaxe (0″145) ist bereits berücksichtigt.

*) Bei Stern 874), 873) und 875) lies Sept. 8.

Tag	877) γ Tucanae AR.		877) γ Tucanae Dekl.		879) γ Sculptoris AR.		879) γ Sculptoris Dekl.		880) τ Pegasi AR.		880) τ Pegasi Dekl.	
1942	23ʰ 14ᵐ		−58° 32′		23ʰ 15ᵐ		−32° 50′		23ʰ 17ᵐ		+23° 25′	
Jan. 1	ˢ1.218	249	″90.57	126	ˢ40.582	125	″64.65	30	ˢ45.298	124	″28.17	128
11	0.969	210	89.31	171	40.457	103	64.35	62	45.174	107	26.89	147
21	0.759	163	87.60	213	40.354	79	63.73	93	45.067	88	25.42	159
31	0.596	113	85.47	248	40.275	51	62.80	122	44.979	64	23.83	166
Febr. 10	0.483	58	82.99	277	40.224	20	61.58	149	44.915	34	22.17	165
20	0.425	1	80.22	299	40.204	14	60.09	173	44.881	0	20.52	157
März 2	0.426	62	77.23	316	40.218	51	58.36	194	44.881	37	18.95	141
12	0.488	123	74.07	324	40.269	90	56.42	213	44.918	77	17.54	118
22	0.611	186	70.83	326	40.359	131	54.29	226	44.995	118	16.36	89
Apr. 1	0.797	248	67.57	321	40.490	172	52.03	237	45.113	160	15.47	55
11	1.045	307	64.36	310	40.662	212	49.66	242	45.273	200	14.92	18
21	1.352	362	61.26	291	40.874	250	47.24	243	45.473	237	14.74	21
Mai 1	1.714	411	58.35	267	41.124	283	44.81	238	45.710	269	14.95	61
11	2.125	451	55.68	235	41.407	311	42.43	227	45.979	294	15.56	100
21	2.576	482	53.33	199	41.718	333	40.16	212	46.273	311	16.56	135
31	3.058	502	51.34	158	42.051	346	38.04	190	46.584	320	17.91	166
Juni 10	3.560	509	49.76	113	42.397	350	36.14	163	46.904	322	19.57	194
20	4.069	502	48.63	65	42.747	345	34.51	134	47.226	313	21.51	216
30	4.571	484	47.98	15	43.092	332	33.17	99	47.539	297	23.67	231
Juli 10	5.055	451	47.83	34	43.424	309	32.18	63	47.836	273	25.98	241
20	5.506	405	48.17	83	43.733	278	31.55	25	48.109	243	28.39	246
30	5.911	349	49.00	129	44.011	239	31.30	13	48.352	207	30.85	244
Aug. 9	6.260	283	50.29	170	44.250	197	31.43	49	48.559	168	33.29	238
19	6.543	211	51.99	205	44.447	149	31.92	83	48.727	125	35.67	225
29	6.754	133	54.04	232	44.596	99	32.75	112	48.852	83	37.92	210
Sept. 8	6.887	54	56.36	251	[10] 44.695	51	33.87	136	[11] 48.935	41	40.02	191
17	[10] 6.941	24	58.87	261	44.746	3	35.23	155	48.976	2	41.93	168
27	6.917	97	61.48	259	44.749	41	36.78	165	48.978	33	43.61	144
Okt. 7	6.820	162	64.07	248	44.708	78	38.43	168	48.945	65	45.05	116
17	6.658	218	66.55	227	44.630	110	40.11	165	48.880	91	46.21	89
27	6.440	263	68.82	195	44.520	133	41.76	154	48.789	111	47.10	60
Nov. 6	6.177	294	70.77	157	44.387	151	43.30	136	48.678	126	47.70	30
16	5.883	313	72.34	112	44.236	159	44.66	112	48.552	137	48.00	1
26	5.570	318	73.46	62	44.077	162	45.78	86	48.415	141	47.99	31
Dez. 6	5.252	311	74.08	9	43.915	157	46.64	55	48.274	143	47.68	60
16	4.941	294	74.17	44	43.758	148	47.19	23	48.131	138	47.08	88
26	4.647	266	73.73	95	43.610	133	47.42	10	47.993	130	46.20	114
36	4.381		72.78		43.477		47.32		47.863		45.06	
Mittl. Ort	3.429		74.11		41.786		53.53		45.746		21.54	
sec δ, tg δ	1.917		−1.635		1.190		−0.646		1.090		+0.433	
a, *a′*	+3.5		+19.6		+3.2		+19.7		+3.0		+19.7	
b, *b′*	−0.11		+ 0.20		−0.04		+ 0.19		+0.03		+ 0.18	

Scheinbare Sternörter 1942

Tag	882) 4 Cassiopeiae				884) ϰ Piscium				885) 70 Pegasi			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1942	$23^h\ 22^m$		+61° 57′		$23^h\ 23^m$		+0° 56′		$23^h\ 26^m$		+12° 26′	
Jan. 1	$15^s.05$	36	67″.75	135	$56^s.839$	101	15″.31	79	$12^s.627$	111	28″.46	105
11	14.69	32	66.40	185	56.738	88	14.52	77	12.516	97	27.41	112
21	14.37	28	64.55	228	56.650	71	13.75	70	12.419	80	26.29	116
31	14.09	22	62.27	262	56.579	49	13.05	60	12.339	58	25.13	115
Febr. 10	13.87	16	59.65	286	56.530	25	12.45	46	12.281	33	23.98	108
20	13.71	8	56.79	297	56.505	4	11.99	29	12.248	2	22.90	96
März 2	13.63	0	53.82	298	56.509	36	11.70	8	12.246	31	21.94	78
12	13.63	9	50.84	285	56.545	71	11.62	15	12.277	68	21.16	54
22	13.72	17	47.99	261	56.616	108	11.77	40	12.345	106	20.62	27
Apr. 1	13.89	26	45.38	227	56.724	146	12.17	68	12.451	146	20.35	3
11	14.15	33	43.11	185	56.870	182	12.85	94	12.597	185	20.38	35
21	14.48	40	41.26	137	57.052	217	13.79	120	12.782	219	20.73	69
Mai 1	14.88	46	39.89	83	57.269	247	14.99	144	13.001	251	21.42	101
11	15.34	49	39.06	27	57.516	273	16.43	164	13.252	277	22.43	130
21	15.83	52	38.79	29	57.789	291	18.07	180	13.529	296	23.73	157
31	16.35	53	39.08	85	58.080	303	19.87	192	13.825	307	25.30	179
Juni 10	16.88	53	39.93	137	58.383	306	21.79	197	14.132	310	27.09	196
20	17.41	51	41.30	187	58.689	302	23.76	199	14.442	305	29.05	208
30	17.92	48	43.17	230	58.991	288	25.75	194	14.747	291	31.13	215
Juli 10	18.40	43	45.47	268	59.279	268	27.69	184	15.038	270	33.28	215
20	18.83	38	48.15	299	59.547	242	29.53	170	15.308	243	35.43	211
30	19.21	32	51.14	323	59.789	209	31.23	153	15.551	210	37.54	202
Aug. 9	19.53	25	54.37	341	59.998	172	32.76	132	15.761	173	39.56	188
19	19.78	18	57.78	350	60.170	133	34.08	109	15.934	133	41.44	171
29	19.96	11	61.28	352	60.303	92	35.17	85	16.067	93	43.15	152
Sept. 8	12 20.07	3	64.80	348	12 60.395	53	36.02	61	13 16.160	52	44.67	130
17	20.10	4	68.28	335	60.448	15	36.63	38	16.212	15	45.97	107
27	20.06	11	71.63	316	60.463	20	37.01	15	16.227	19	47.04	83
Okt. 7	19.95	17	74.79	289	60.443	49	37.16	4	16.208	50	47.87	59
17	19.78	22	77.68	257	60.394	74	37.12	22	16.158	74	48.46	37
27	19.56	27	80.25	218	60.320	94	36.90	38	16.084	95	48.83	13
Nov. 6	19.29	32	82.43	173	60.226	107	36.52	50	15.989	109	48.96	8
16	18.97	34	84.16	123	60.119	116	36.02	61	15.880	120	48.88	30
26	18.63	37	85.39	69	60.003	120	35.41	69	15.760	124	48.58	49
Dez. 6	18.26	38	86.08	12	59.883	119	34.72	75	15.636	126	48.09	67
16	17.88	38	86.20	44	59.764	115	33.97	78	15.510	122	47.42	83
26	17.50	37	85.76	102	59.649	106	33.19	80	15.388	115	46.59	97
36	17.13		84.74		59.543		32.39		15.273		45.62	
Mittl. Ort	15.00		51.24		57.479		16.36		13.132		25.70	
sec δ, tg δ	2.128		+1.878		1.000		+0.016		1.024		+0.221	
a, *a′*	+2.7		+19.8		+3.1		+19.8		+3.0		+19.8	
b, *b′*	+0.12		+ 0.16		0.00		+ 0.16		+0.01		+ 0.15	

Tag	891) ι Andromedae AR.		891) ι Andromedae Dekl.		893) γ Cephei AR.		893) γ Cephei Dekl.		892) ι Piscium AR		892) ι Piscium Dekl.	
	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR	Diff.	Dekl.	Diff.
1942	$23^h\ 35^m$		$+42°\ 56'$		$23^h\ 36^m$		$+77°\ 18'$		$23^h\ 36^m$		$+5°\ 18'$	
	s		"		s		"		s		"	
Jan. 1	16.937	192	60.65	129	57.77	90	49.52	94	57.395	108	42.42	89
11	16.745	178	59.36	166	56.87	83	48.58	153	57.287	97	41.53	89
21	16.567	154	57.70	197	56.04	74	47.05	206	57.190	81	40.64	87
31	16.413	124	55.73	220	55.30	62	44.99	250	57.109	62	39.77	80
Febr. 10	16.289	87	53.53	234	54.68	47	42.49	285	57.047	37	38.97	69
20	16.202	44	51.19	238	54.21	30	39.64	308	57.010	10	38.28	55
März 2	16.158	6	48.81	233	53.91	12	36.56	318	57.000	22	37.73	35
12	16.164	58	46.48	217	53.79	6	33.38	316	57.022	58	37.38	12
22	16.222	113	44.31	192	53.85	26	30.22	301	57.080	96	37.26	13
Apr. 1	16.335	168	42.39	159	54.11	43	27.21	275	57.176	135	37.39	42
11	16.503	219	40.80	119	54.54	60	24.46	238	57.311	172	37.81	70
21	16.722	267	39.61	74	55.14	74	22.08	193	57.483	209	38.51	98
Mai 1	16.989	307	38.87	27	55.88	85	20.15	142	57.692	241	39.49	125
11	17.296	340	38.60	21	56.73	94	18.73	87	57.933	268	40.74	149
21	17.636	363	38.81	70	57.67	101	17.86	29	58.201	289	42.23	169
31	17.999	376	39.51	116	58.68	103	17.57	30	58.490	302	43.92	185
Juni 10	18.375	378	40.67	159	59.71	103	17.87	87	58.792	308	45.77	196
20	18.753	371	42.26	197	60.74	99	18.74	141	59.100	304	47.73	201
30	19.124	353	44.23	230	61.73	94	20.15	192	59.404	293	49.74	201
Juli 10	19.477	327	46.53	257	62.67	86	22.07	238	59.697	275	51.75	196
20	19.804	293	49.10	277	63.53	76	24.45	277	59.972	249	53.71	186
30	20.097	252	51.87	292	64.29	64	27.22	312	60.221	218	55.57	171
Aug. 9	20.349	207	54.79	299	64.93	51	30.34	338	60.439	183	57.28	153
19	20.556	158	57.78	301	65.44	37	33.72	357	60.622	144	58.81	133
29	20.714	110	60.79	295	65.81	23	37.29	370	60.766	105	60.14	111
Sept. 8	15 20.824	60	63.74	285	15 66.04	8	40.99	374	15 60.871	66	61.25	87
17	20.884	13	66.59	268	66.12	7	44.73	370	60.937	28	62.12	64
27	20.897	31	69.27	247	66.05	21	48.43	359	60.965	7	62.76	41
Okt. 7	20.866	71	71.74	221	65.84	36	52.02	339	60.958	37	63.17	19
17	20.795	106	73.95	190	65.48	48	55.41	313	60.921	63	63.36	1
27	20.689	137	75.85	155	65.00	60	58.54	277	60.858	83	63.35	19
Nov. 6	20.552	161	77.40	116	64.40	71	61.31	235	60.775	100	63.16	35
16	20.391	181	78.56	75	63.69	80	63.66	185	60.675	110	62.81	50
26	20.210	194	79.31	31	62.89	87	65.51	130	60.565	116	62.31	61
Dez. 6	20.016	202	79.62	14	62.02	92	66.81	71	60.449	119	61.70	72
16	19.814	204	79.48	59	61.10	93	67.52	9	60.330	117	60.98	80
26	19.610	199	78.89	103	60.17	93	67.61	55	60.213	112	60.18	85
36	19.411		77.86		59.24		67.06		60.101		59.33	
Mittl. Ort	17.062		48.72		56.78		31.07		57.913		42.51	
sec δ, tg δ	1.366		+0.931		4.552		+4.440		1.004		+0.093	
a, a'	+2.9		+19.9		+2.5		+19.9		+3.1		+19.9	
b, b'	+0.06		+ 0.11		+0.29		+ 0.10		+0.01		+ 0.10	

Tag	894) ω² Aquarii AR.		894) ω² Aquarii Dekl.		895) 41 H. Cephei AR.		895) 41 H. Cephei Dekl.		896) δ Sculptoris AR.		896) δ Sculptoris Dekl.	
1942	$23^h 39^m$		$-14° 51'$		$23^h 45^m$		$+67° 28'$		$23^h 45^m$		$-28° 26'$	
Jan. 1	42.173	111	63.78	38	7.80	47	81.28	100	53.553	132	75.43	2
11	42.062	99	64.16	20	7.33	44	80.28	154	53.421	118	75.45	29
21	41.963	83	64.36	1	6.89	40	78.74	204	53.303	100	75.16	60
31	41.880	62	64.35	22	6.49	33	76.70	244	53.203	78	74.56	90
Febr. 10	41.818	38	64.13	44	6.16	26	74.26	276	53.125	51	73.66	119
20	41.780	10	63.69	67	5.90	17	71.50	296	53.074	21	72.47	145
März 2	41.770	21	63.02	89	5.73	6	68.54	304	53.053	14	71.02	169
12	41.791	57	62.13	112	5.67	4	65.50	300	53.067	51	69.33	191
22	41.848	94	61.01	135	5.71	14	62.50	283	53.118	92	67.42	210
Apr. 1	41.942	133	59.66	156	5.85	26	59.67	256	53.210	133	65.32	225
11	42.075	171	58.10	173	6.11	35	57.11	219	53.343	174	63.07	237
21	42.246	208	56.37	189	6.46	43	54.92	174	53.517	214	60.70	242
Mai 1	42.454	241	54.48	201	6.89	51	53.18	124	53.731	251	58.28	243
11	42.695	270	52.47	207	7.40	57	51.94	69	53.982	283	55.85	239
21	42.965	292	50.40	209	7.97	61	51.25	13	54.265	308	53.46	229
31	43.257	307	48.31	205	8.58	63	51.12	43	54.573	326	51.17	212
Juni 10	43.564	314	46.26	196	9.21	64	51.55	99	54.899	336	49.05	191
20	43.878	314	44.30	182	9.85	62	52.54	150	55.235	336	47.14	165
30	44.192	303	42.48	163	10.47	59	54.04	199	55.571	329	45.49	133
Juli 10	44.495	286	40.85	140	11.06	55	56.03	241	55.900	311	44.16	100
20	44.781	262	39.45	113	11.61	49	58.44	279	56.211	287	43.16	63
30	45.043	230	38.32	85	12.10	42	61.23	308	56.498	254	42.53	25
Aug. 9	45.273	194	37.47	54	12.52	34	64.31	332	56.752	216	42.28	13
19	45.467	155	36.93	24	12.86	27	67.63	349	56.968	173	42.41	48
29	45.622	113	36.69	6	13.13	18	71.12	358	57.141	129	42.89	81
Sept. 8	45.735	71	36.75	33	13.31	9	74.70	359	57.270	83	43.70	110
17*)	[16] 45.806	31	37.08	56	[18] 13.40	0	78.29	353	[18] 57.353	37	44.80	133
27	45.837	5	37.64	77	13.40	8	81.82	340	57.390	4	46.13	151
Okt. 7	45.832	39	38.41	91	13.32	15	85.22	319	57.386	43	47.64	160
17	45.793	67	39.32	100	13.17	23	88.41	291	57.343	75	49.24	162
27	45.726	89	40.32	106	12.94	30	91.32	257	57.268	101	50.86	158
Nov. 6	45.637	106	41.38	105	12.64	36	93.89	214	57.167	123	52.44	146
16	45.531	117	42.43	101	12.28	41	96.03	166	57.044	136	53.90	129
26	45.414	123	43.44	92	11.87	44	97.69	114	56.908	144	55.19	107
Dez. 6	45.291	125	44.36	79	11.43	48	98.83	56	56.764	147	56.26	81
16	45.166	122	45.15	66	10.95	49	99.39	3	56.617	143	57.07	51
26	45.044	116	45.81	49	10.46	48	99.36	62	56.474	137	57.58	22
36	44.928		46.30		9.98		98.74		56.337		57.80	
Mittl. Ort	42.917		56.73		7.30		64.27		54.470		63.85	
sec δ, tg δ	1.035		−0.265		2.611		+2.412		1.137		−0.542	
a, *a′*	+3.1		+20.0		+2.9		+20.0		+3.1		+20.0	
b, *b′*	−0.02		+ 0.09		+0.16		+ 0.06		−0.04		+ 0.06	

*) Bei Stern 895) und 896) lies Sept. 18.

Tag	898) φ Pegasi AR.		898) φ Pegasi Dekl.		902) ω Piscium AR.		902) ω Piscium Dekl.		903) ε Tucanae AR.		903) ε Tucanae Dekl.	
1942	$23^h 49^m$		+18° 47′		$23^h 56^m$		+6° 32′		$23^h 56^m$		−65° 53′	
	s		″		s		″		s		″	
Jan. 1	31.705	126	57.46	104	19.454	115	31.55	86	52.76	40	79.33	102
11	31.579	117	56.42	119	19.339	108	30.69	87	52.36	36	78.31	156
21	31.462	103	55.23	129	19.231	95	29.82	86	52.00	32	76.75	205
31	31.359	84	53.94	133	19.136	78	28.96	81	51.68	26	74.70	248
Febr. 10	31.275	59	52.61	133	19.058	56	28.15	72	51.42	19	72.22	284
20	31.216	30	51.28	126	19.002	29	27.43	58	51.23	13	69.38	314
März 2	31.186	5	50.02	111	18.973	2	26.85	40	51.10	5	66.24	336
12	31.191	43	48.91	92	18.975	38	26.45	18	51.05	3	62.88	350
22	31.234	84	47.99	66	19.013	76	26.27	6	51.08	11	59.38	357
Apr. 1	31.318	127	47.33	37	19.089	116	26.33	34	51.19	20	55.81	356
11	31.445	168	46.96	3	19.205	155	26.67	62	51.39	27	52.25	347
21	31.613	207	46.93	31	19.360	194	27.29	91	51.66	36	48.78	330
Mai 1	31.820	242	47.24	66	19.554	229	28.20	118	52.02	42	45.48	307
11	32.062	273	47.90	100	19.783	258	29.38	142	52.44	49	42.41	277
21	32.335	295	48.90	132	20.041	282	30.80	164	52.93	54	39.64	240
31	32.630	310	50.22	159	20.323	299	32.44	181	53.47	57	37.24	197
Juni 10	32.940	317	51.81	183	20.622	306	34.25	194	54.04	61	35.27	150
20	33.257	315	53.64	202	20.928	307	36.19	200	54.65	61	33.77	99
30	33.572	304	55.66	216	21.235	299	38.19	202	55.26	61	32.78	45
Juli 10	33.876	287	57.82	222	21.534	282	40.21	199	55.87	59	32.33	9
20	34.163	261	60.04	225	21.816	260	42.20	190	56.46	55	32.42	63
30	34.424	230	62.29	222	22.076	232	44.10	177	57.01	49	33.05	116
Aug. 9	34.654	195	64.51	213	22.308	198	45.87	161	57.50	42	34.21	164
19	34.849	157	66.64	202	22.506	161	47.48	141	57.92	34	35.85	207
29	35.006	116	68.66	185	22.667	124	48.89	118	58.26	25	37.92	242
Sept. 8	35.122	77	70.51	166	22.791	84	50.07	96	58.51	15	40.34	269
18	$_{19}$35.199	39	72.17	145	$_{20}$22.875	47	51.03	73	$_{21}$58.66	5	43.03	285
27	35.238	3	73.62	122	22.922	13	51.76	50	58.71	4	45.88	292
Okt. 7	35.241	29	74.84	98	22.935	19	52.26	27	58.67	13	48.80	286
17	35.212	57	75.82	74	22.916	46	52.53	8	58.54	22	51.66	269
27	35.155	80	76.56	48	22.870	69	52.61	12	58.32	30	54.35	241
Nov. 6	35.075	98	77.04	24	22.801	87	52.49	28	58.02	35	56.76	204
16	34.977	113	77.28	2	22.714	101	52.21	43	57.67	39	58.80	158
26	34.864	124	77.26	26	22.613	111	51.78	55	57.28	42	60.38	105
Dez. 6	34.740	129	77.00	49	22.502	116	51.23	67	56.86	43	61.43	49
16	34.611	131	76.51	72	22.386	119	50.56	75	56.43	44	61.92	9
26	34.480	129	75.79	92	22.267	117	49.81	82	55.99	41	61.83	67
36	34.351		74.87		22.150		48.99		55.58		61.16	
Mittl. Ort	32.008		53.40		19.847		31.99		55.02		59.15	
sec δ, tg δ	1.056		+0.340		1.007		+0.115		2.449		−2.236	
a, *a′*	+3.1		+20.0		+3.1		+20.0		+3.1		+20.0	
b, *b′*	+0.02		+ 0.05		+0.01		+ 0.02		−0.15		+ 0.01	

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Na) 43 Hev. Cephei $4^m_.52$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$1^h\ 0^m$	$+85°\ 57'$	in 0.01^s	in $0.01''$	$1^h\ 0^m$	$+85°\ 56'$	in 0.01^s	in $0.01''$	$1^h\ 0^m$	$+85°\ 56'$	in 0.01^s	in $0.01''$	$1^h\ 0^m$	$+85°\ 56'$	in 0.01^s	in $0.01''$
1	35.66	5.95	+6	−3	26.39	65.21	+2	+5	19.69	59.67	+1	+5	16.62	50.41	−8	−2
2	35.36	6.02	+6	0	26.11	65.08	−1	+5	19.51	59.41	−3	+5	16.61	50.09	−7	−5
3	35.06	6.09	+6	+2	25.83	64.95	−4	+4	19.34	59.14	−6	+3	16.61	49.78	−5	−7
4	34.76	6.15	+4	+4	25.56	64.81	−6	+2	19.17	58.87	−7	0	16.62	49.46	−1	−7
5	34.46	6.21	+1	+5	25.28	64.67	−8	−1	19.00	58.60	−8	−3	16.63	49.15	+3	−6
6	34.15	6.25	−2	+4	25.01	64.52	−7	−4	18.84	58.32	−6	−6	16.64	48.84	+6	−3
7	33.85	6.29	−5	+3	24.74	64.36	−5	−7	18.69	58.04	−4	−7	*)16.66	48.52	+8	+1
8	33.55	6.33	−7	0	24.47	64.20	−2	−8	18.54	57.76	0	−7	16.69	48.21	+8	+4
9	33.25	6.36	−8	−3	24.20	64.04	+2	−7	18.39	57.47	+4	−5	16.72	47.90	+6	+7
10	32.94	6.38	−7	−6	23.94	63.87	+5	−5	18.25	57.18	+7	−2	16.76	47.58	+3	+9
11	32.64	6.39	−5	−8	23.68	63.69	+7	−1	18.12	56.89	+8	+1	16.81	47.27	0	+9
12	32.34	6.40	−1	−8	23.43	63.51	+7	+3	17.99	56.60	+7	+5	16.86	46.96	−3	+7
13	32.03	6.40	+3	−7	23.18	63.32	+6	+6	17.87	56.30	+5	+8	16.92	46.65	−6	+4
14	31.73	6.40	+6	−4	22.93	63.13	+3	+8	17.76	56.01	+2	+9	16.98	46.35	−6	+1
15	31.42	6.39	+8	0	22.69	62.93	0	+9	17.65	55.71	−2	+8	17.05	46.05	−6	−2
16	31.12	6.37	+7	+5	22.45	62.73	−3	+8	17.54	55.41	−4	+6	17.13	45.75	−5	−4
17	30.82	6.34	+5	+8	22.21	62.52	−5	+5	17.44	55.11	−6	+3	17.21	45.45	−2	−6
18	30.52	6.31	+3	+9	21.98	62.31	−6	+2	17.35	54.80	−7	0	17.29	45.15	0	−6
19	30.21	6.28	−1	+9	21.75	62.09	−6	−1	17.26	54.49	−6	−3	17.38	44.85	+3	−6
20	29.91	6.23	−4	+7	21.52	61.87	−5	−4	17.17	54.18	−4	−5	17.47	44.56	+5	−4
21	29.61	6.18	−6	+4	21.30	61.64	−3	−5	17.09	53.87	−1	−6	17.57	44.27	+6	−2
22	29.31	6.12	−6	+1	21.08	61.41	0	−6	17.02	53.56	+2	−6	17.68	43.98	+7	0
23	29.02	6.06	−6	−2	20.87	61.17	+3	−6	16.95	53.24	+4	−5	17.79	43.70	+5	+3
24	28.72	5.99	−4	−4	20.66	60.93	+5	−4	16.89	52.93	+6	−3	17.91	43.41	+3	+4
25	28.43	5.91	−1	−6	20.46	60.68	+7	−2	16.84	52.61	+7	−1	18.03	43.13	0	+5
26	28.14	5.83	+1	−6	20.26	60.43	+7	0	16.79	52.30	+6	+1	18.16	42.86	−4	+4
27	27.84	5.74	+4	−5	20.07	60.18	+6	+3	16.75	51.98	+5	+4	18.29	42.58	−7	+2
28	27.55	5.65	+6	−3	19.88	59.93	+4	+4	16.71	51.67	+2	+5	18.43	42.31	−8	−1
29	27.26	5.55	+7	−1	19.69	59.67	+1	+5	16.68	51.35	−1	+5	18.57	42.04	−8	−4
30	26.96	5.44	+6	+1					16.65	51.04	−5	+4	18.72	41.77	−6	−7
31	26.67	5.33	+5	+4					16.63	50.72	−7	+1	18.87	41.51	−3	−8
32	26.39	5.21	+2	+5					16.62	50.41	−8	−2				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 56′ 40″	14.140	+ 14.104	+85° 56′ 50″	14.149	+ 14.114	+85° 57′ 0″	14.159	+ 14.124
50	14.149	+ 14.114	60	14.159	+ 14.124	10	14.169	+ 14.133

$\alpha_{1942.0} = 1^h\ 0^m\ 25^s.73$ $\delta_{1942.0} = +85°\ 56'\ 49''.60$

*) Tag der doppelten unteren Kulmination: April 7.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Na) 43 Hev. Cephei $4^{m}.52$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder in		Juni AR.	Juni Dekl.	Juni ☾ Glieder in	
	$1^h\ 0^m$	$+85°\ 56'$	$0^s.01$	$0''.01$	$1^h\ 0^m$	$+85°\ 56'$	$0^s.01$	$0''.01$
1	18.87	41.51	−3	−8	25.67	35.44	+8	+1
2	19.03	41.25	+1	−7	25.95	35.32	+8	+5
3	19.19	41.00	+5	−5	26.22	35.20	+6	+8
4	19.36	40.75	+7	−1	26.50	35.09	+3	+10
5	19.53	40.50	+8	+3	26.78	34.99	−1	+10
6	19.71	40.26	+7	+7	27.06	34.89	−4	+7
7	19.89	40.02	+5	+9	27.35	34.80	−6	+4
8	20.07	39.78	+1	+10	27.63	34.71	−6	+1
9	20.26	39.55	−2	+8	27.92	34.63	−5	−2
10	20.45	39.32	−5	+6	28.21	34.55	−4	−4
11	20.65	39.09	−6	+3	28.50	34.48	−1	−5
12	20.85	38.87	−6	0	28.80	34.42	+1	−5
13	21.06	38.65	−5	−3	29.10	34.36	+4	−5
14	21.27	38.44	−3	−5	29.39	34.30	+5	−3
15	21.49	38.24	0	−6	29.69	34.25	+6	−1
16	21.71	38.04	+2	−5	29.99	34.21	+6	+1
17	21.93	37.84	+4	−4	30.29	34.17	+5	+3
18	22.15	37.64	+6	−3	30.59	34.14	+3	+4
19	22.38	37.45	+6	−1	30.90	34.11	0	+4
20	22.61	37.27	+6	+1	31.20	34.09	−4	+3
21	22.85	37.09	+4	+3	31.51	34.08	−7	+1
22	23.09	36.91	+1	+4	31.82	34.07	−8	−2
23	23.34	36.74	−2	+4	32.12	34.07	−8	−5
24	23.59	36.58	−5	+2	32.43	34.07	−7	−8
25	23.84	36.42	−8	0	32.74	34.08	−3	−9
26	24.09	36.26	−9	−3	33.05	34.09	+1	−8
27	24.35	36.11	−8	−6	33.36	34.11	+5	−6
28	24.61	35.97	−5	−8	33.67	34.13	+7	−2
29	24.87	35.83	−1	−9	33.98	34.16	+8	+3
30	25.13	35.69	+3	−7	34.29	34.19	+7	+7
31	25.40	35.56	+7	−3	34.60	34.23	+4	+9
32	25.67	35.44	+8	+1				

Tag	Juli AR.	Juli Dekl.	Juli ☾ Glieder in		August AR.	August Dekl.	August ☾ Glieder in	
	$1^h\ 0^m$	$+85°\ 56'$	$0^s.01$	$0''.01$	$1^h\ 0^m$	$+85°\ 56'$	$0^s.01$	$0''.01$
1	34.60	34.23	+4	+9	43.88	38.11	−6	+4
2	34.91	34.28	0	+10	44.15	38.31	−7	+1
3	35.22	34.33	−3	+9	44.42	38.52	−5	−2
4	35.53	34.39	−5	+6	44.69	38.73	−3	−4
5	35.84	34.45	−6	+3	44.96	38.95	0	−5
6	36.15	34.52	−6	−1	45.23	39.18	+2	−5
7	36.46	34.59	−4	−3	45.50	39.40	+5	−4
8	36.76	34.67	−2	−5	45.76	39.63	+6	−2
9	37.07	34.75	+1	−5	46.02	39.87	+7	0
10	37.38	34.84	+3	−4	46.28	40.11	+6	+2
11	37.68	34.94	+5	−3	46.53	40.36	+5	+4
12	37.99	35.04	+7	−1	46.78	40.61	+2	+5
13	38.29	35.14	+7	+1	47.03	40.86	−1	+5
14	38.60	35.25	+6	+3	47.27	41.12	−4	+4
15	38.90	35.37	+4	+4	47.52	41.38	−7	+1
16	39.20	35.49	+1	+5	47.76	41.64	−8	−2
17	39.50	35.61	−2	+4	47.99	41.91	−8	−5
18	39.81	35.74	−5	+2	48.23	42.18	−6	−8
19	40.11	35.88	−8	0	48.46	42.45	−2	−9
20	40.41	36.02	−9	−4	48.69	42.73	+2	−8
21	40.71	36.17	−7	−7	48.91	43.02	+5	−6
22	41.00	36.32	−5	−9	49.13	43.31	+7	−2
23	41.29	36.48	−1	−9	49.35	43.60	+7	+2
24	41.59	36.64	+3	−8	49.56	43.89	+6	+6
25	41.88	36.81	+6	−4	49.78	44.19	+3	+8
26	42.17	36.98	+8	0	49.99	44.49	0	+9
27	42.46	37.16	+7	+4	50.19	44.79	−3	+7
28	42.75	37.34	+5	+7	50.40	45.09	−6	+5
29	43.03	37.52	+2	+9	50.60	45.40	−7	+2
30	43.32	37.71	−1	+9	50.80	45.71	−6	−1
31	43.60	37.91	−5	+7	50.99	46.03	−4	−4
32	43.88	38.11	−6	+4	51.18	46.35	−2	−5

δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 56′ 30″	14.130	+14.094	+85° 56′ 40″	14.140	+14.104
40	14.140	+14.104	50	14.149	+14.114

$\alpha_{1942.0} = 1^h\ 0^m\ 25^s.73$ $\delta_{1942.0} = +85°\ 56'\ 49''.60$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Na) 43 Hev. Cephei $4^{m}.52$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$1^h\ 0^m$	+85° 56′	in $0.^s01$	in $0.''01$	$1^h\ 0^m$	+85° 56′	in $0.^s01$	in $0.''01$	$1^h\ 0^m$	+85° 57′	in $0.^s01$	in $0.''01$	$1^h\ 0^m$	+85° 57′	in $0.^s01$	in $0.''01$
	s	″			s	″			s	″			s	″		
1	51.18	46.35	−2	−5	54.98	56.92	+5	−4	54.63	8.82	+2	+5	50.02	18.17	−6	+2
2	51.36	46.67	+1	−5	55.04	57.30	+7	−2	54.54	9.18	−1	+5	49.80	18.42	−8	−1
3	51.54	46.99	+4	−4	55.10	57.67	+7	+1	54.44	9.53	−4	+4	49.58	18.67	−9	−4
4	51.72	47.32	+6	−3	55.15	58.05	+6	+3	54.35	9.88	−7	+1	49.35	18.91	−7	−7
5	51.89	47.65	+7	−1	55.19	58.42	+4	+4	54.25	10.22	−8	−2	49.12	19.15	−5	−9
6	52.06	47.98	+7	+2	55.24	58.80	+1	+5	54.14	10.57	−8	−5	48.89	19.39	−1	−9
7	52.23	48.31	+5	+4	55.28 / 55.31	59.17 / 59.55	−2 / −5	+5 / +3	54.03	10.91	−6	−7	48.65	19.62	+3	−7
8	52.39	48.65	+3	+5	55.34	59.93	−7	+1	53.91	11.25	−3	−9	48.41	19.84	+6	−4
9	52.55	48.99	0	+5	55.36	60.31	−8	−3	53.79	11.59	+1	−8	48.17	20.06	+8	+1
10	52.70	49.33	−3	+4	55.38	60.68	−7	−6	53.66	11.92	+5	−5	47.92	20.27	+8	+5
11	52.85	49.68	−6	+2	55.39	61.06	−5	−8	53.53	12.25	+7	−1	47.67	20.48	+6	+8
12	52.99	50.02	−8	−1	55.40	61.44	−1	−8	53.40	12.58	+8	+3	47.42	20.68	+2	+10
13	53.13	50.37	−8	−4	55.41	61.82	+3	−7	53.26	12.91	+7	+6	47.16	20.88	−1	+9
14	53.27	50.72	−6	−6	55.41	62.19	+6	−4	53.12	13.23	+4	+9	46.90	21.07	−5	+7
15	53.41	51.07	−4	−8	55.41	62.57	+8	0	52.97	13.55	+1	+9	46.64	21.26	−6	+4
16	53.54	51.43	0	−8	55.40	62.94	+8	+4	52.82	13.87	−3	+8	46.38	21.44	−7	+1
17	53.67	51.78	+4	−6	55.39	63.32	+6	+7	52.66	14.18	−5	+6	46.11	21.61	−5	−2
18	53.79	52.14	+7	−3	55.37	63.70	+3	+9	52.50	14.49	−7	+2	45.84	21.78	−3	−4
19	53.91	52.50	+8	+1	55.35	64.07	−1	+9	52.34	14.80	−6	−1	45.57	21.95	0	−5
20	54.02	52.86	+7	+5	55.32	64.44	−4	+7	52.17	15.10	−5	−3	45.29	22.10	+3	−5
21	54.13	53.23	+5	+7	55.29	64.82	−6	+4	52.00	15.40	−2	−5	45.01	22.25	+5	−3
22	54.23	53.59	+1	+8	55.25	65.19	−7	+1	51.82	15.70	+1	−5	44.73	22.40	+6	−2
23	54.33	53.96	−2	+8	55.21	65.56	−6	−2	51.63	15.99	+3	−5	44.45	22.54	+7	0
24	54.43	54.32	−5	+6	55.16	65.93	−4	−4	51.45	16.27	+5	−3	44.17	22.67	+6	+2
25	54.52	54.69	−7	+3	55.11	66.30	−1	−5	51.26	16.56	+7	−1	43.89	22.80	+5	+4
26	54.61	55.06	−7	0	55.06	66.66	+2	−5	51.06	16.84	+7	+1	43.60	22.92	+2	+5
27	54.69	55.43	−6	−3	55.00	67.03	+4	−4	50.86	17.11	+6	+3	43.31	23.03	−1	+4
28	54.77	55.80	−3	−5	54.93	67.39	+6	−3	50.65	17.38	+4	+4	43.01	23.14	−4	+3
29	54.84	56.17	0	−6	54.86	67.75	+7	0	50.45	17.65	+1	+5	42.72	23.24	−7	+1
30	54.91	56.55	+3	−5	54.79	68.11	+7	+2	50.24	17.91	−3	+4	42.42	23.33	−9	−3
31	54.98	56.92	+5	−4	54.71	68.47	+5	+4	50.02	18.17	−6	+2	42.12	23.42	−8	−6
32					54.63	68.82	+2	+5					41.83	23.51	−7	−9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 56′ 40″	14.140	+ 14.104	+85° 57′ 0″	14.159	+ 14.124	+85° 57′ 20″	14.178	+ 14.143
50	14.149	+ 14.114	10	14.169	+ 14.133	30	14.188	+ 14.153

$\alpha_{1942.0} = 1^h\ 0^m\ 25.^s73$ $\delta_{1942.0} = +85°\ 56'\ 49.''60$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Nb) α Ursae minoris $2\overset{m}{.}12$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$1^h\,44^m$	+88° 59′	in $\overset{s}{0.01}$	in $\overset{''}{0.01}$	$1^h\,43^m$	+88° 59′	in $\overset{s}{0.01}$	in $\overset{''}{0.01}$	$1^h\,43^m$	+88° 59′	in $\overset{s}{0.01}$	in $\overset{''}{0.01}$	$1^h\,43^m$	+88° 59′	in $\overset{s}{0.01}$	in $\overset{''}{0.01}$
1	37.82	34.48	+22	−4	60.04	35.87	+10	+5	29.25	31.90	+ 4	+5	10.14	23.43	−31	−1
2	36.67	34.62	+24	−2	58.82	35.81	− 2	+6	28.34	31.68	− 9	+5	9.87	23.12	−29	−4
3	35.52	34.76	+22	+1	57.60	35.74	−13	+5	27.44	31.45	−20	+4	9.62	22.81	−20	−6
4	34.36	34.89	+16	+3	56.39	35.67	−24	+3	26.56	31.22	−28	+2	9.40	22.49	− 6	−7
5	33.19	35.01	+ 6	+5	55.19	35.59	−30	0	25.70	30.99	−30	−2	9.20	22.18	+10	−6
6	32.01	35.13	− 7	+5	53.99	35.50	−30	−3	24.86	30.75	−25	−5	9.03	21.87	+23	−4
7	30.82	35.24	−20	+4	52.80	35.41	−23	−6	24.04	30.51	−14	−7	8.88	21.55	+30	−1
8	29.63	35.34	−29	+1	51.62	35.31	−11	−8	23.24	30.26	0	−7	8.75	21.24	+31	+3
9	28.43	35.44	−32	−2	50.44	35.21	+ 4	−7	22.46	30.01	+14	−6	8.64	20.92	+24	+6
10	27.23	35.53	−29	−5	49.27	35.10	+18	−6	21.69	29.76	+25	−3	8.56	20.61	+13	+8
11	26.02	35.62	−19	−7	48.11	34.98	+27	−3	20.94	29.50	+30	0	8.50	20.29	0	+9
12	24.80	35.70	− 5	−8	46.96	34.86	+29	+1	20.21	29.24	+27	+4	8.46	19.98	−11	+8
13	23.58	35.77	+10	−7	45.82	34.73	+25	+5	19.51	28.98	+20	+7	8.45	19.66	−20	+5
14	22.35	35.83	+23	−5	44.69	34.59	+15	+8	18.83	28.71	+ 8	+8	8.46	19.35	−24	+2
15	21.12	35.89	+30	−1	43.57	34.45	+ 3	+9	18.16	28.44	− 5	+8	8.50	19.03	−24	−1
16	19.89	35.94	+29	+3	42.46	34.30	−10	+8	17.51	28.17	−16	+7	8.56	18.72	−18	−3
17	18.65	35.98	+23	+7	41.36	34.15	−19	+6	16.88	27.89	−23	+4	8.64	18.41	−10	−5
18	17.41	36.02	+12	+9	40.27	33.99	−24	+3	16.28	27.61	−25	+1	*) 8.74	18.10	0	−6
19	16.16	36.05	− 2	+9	39.20	33.83	−25	0	15.69	27.32	−22	−2	8.87	17.79	+10	−6
20	14.92	36.08	−13	+8	38.14	33.66	−19	−3	15.13	27.03	−15	−4	9.02	17.48	+19	−5
21	13.68	36.10	−21	+5	37.09	33.49	−11	−5	14.60	26.75	− 6	−6	9.19	17.17	+24	−3
22	12.44	36.11	−24	+2	36.06	33.31	− 1	−6	14.08	26.46	+ 4	−7	9.38	16.87	+25	−1
23	11.19	36.12	−22	−1	35.04	33.13	+ 9	−6	13.59	26.16	+14	−6	9.60	16.56	+21	+2
24	9.95	36.12	−16	−4	34.04	32.94	+18	−5	13.11	25.86	+22	−4	9.84	16.26	+12	+4
25	8.70	36.11	− 6	−5	33.05	32.74	+24	−3	12.66	25.56	+25	−2	10.10	15.95	0	+5
26	7.46	36.10	+ 4	−6	32.08	32.54	+26	−1	12.24	25.26	+24	0	10.38	15.65	−13	+5
27	6.22	36.08	+13	−6	31.12	32.33	+23	+2	11.83	24.96	+18	+3	10.68	15.35	−25	+3
28	4.98	36.05	+21	−4	30.18	32.12	+15	+4	11.45	24.66	+ 8	+5	11.01	15.06	−32	0
29	3.74	36.02	+25	−2	29.25	31.90	+ 4	+5	11.09	24.35	− 4	+5	11.36	14.76	−32	−3
30	2.50	35.98	+24	0					10.75	24.04	−17	+4	11.73	14.46	−26	−6
31	1.27	35.93	+19	+3					10.43	23.74	−26	+2	12.12	14.17	−13	−7
32	0.04	35.87	+10	+5					10.14	23.43	−31	−1				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+88° 59′ 10″	56.514	+ 56.505	+88° 59′ 20″	56.669	+ 56.660	+88° 59′ 30″	56.825	+ 56.816
20	56.669	+ 56.660	30	56.825	+ 56.816	40	56.982	+ 56.973

$\alpha_{1942.0} = 1^h\ 43^m\ 46\overset{s}{.}21$ $\delta_{1942.0} = +88°\ 59'\ 20\overset{''}{.}34$

*) Tag der doppelten unteren Kulmination: April 18.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Nb) α Ursae minoris $2^{m}.12$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$1^h\,43^m$	$+88°\,59'$	in $0^s.01$	in $0''.01$	$1^h\,43^m$	$+88°\,59'$	in $0^s.01$	in $0''.01$	$1^h\,44^m$	$+88°\,59'$	in $0^s.01$	in $0''.01$	$1^h\,44^m$	$+88°\,59'$	in $0^s.01$	in $0''.01$
	s	"			s	"			s	"			s	"		
1	12.12	14.17	−13	−7	33.66	6.70	+32	0	6.75	3.58	+18	+9	44.86	5.40	−23	+5
2	12.54	13.88	+3	−7	34.62	6.52	+32	+4	7.96	3.56	+5	+10	46.06	5.54	−25	+2
3	12.97	13.60	+18	−6	35.59	6.35	+25	+8	9.18	3.54	−9	+9	47.25	5.69	−21	−1
4	13.43	13.31	+29	−2	36.57	6.18	+13	+10	10.40	3.53	−19	+7	48.44	5.84	−13	−4
5	13.90	13.02	+33	+2	37.56	6.02	−1	+10	11.62	3.53	−24	+4	49.62	6.00	−2	−5
6	14.39	12.74	+29	+6	38.56	5.86	−13	+8	12.85	3.53	−23	+1	50.80	6.16	+9	−5
7	14.91	12.46	+20	+8	39.57	5.71	−21	+5	14.09	3.54	−18	−2	51.97	6.33	+18	−4
8	15.45	12.19	+6	+9	40.60	5.56	−24	+2	15.32	3.55	−9	−4	53.14	6.50	+24	−3
9	16.01	11.92	−7	+9	41.64	5.42	−22	−1	16.56	3.57	0	−5	54.30	6.67	+27	−1
10	16.58	11.65	−17	+7	42.69	5.28	−15	−3	17.79	3.59	+11	−5	55.46	6.85	+25	+1
11	17.17	11.39	−23	+4	43.75	5.15	−5	−5	19.03	3.62	+20	−4	56.61	7.04	+19	+3
12	17.79	11.13	−23	+1	44.82	5.02	+4	−6	20.27	3.65	+25	−2	57.75	7.23	+9	+5
13	18.42	10.87	−20	−2	45.90	4.90	+13	−5	21.51	3.69	+25	0	58.88	7.42	−3	+5
14	19.07	10.62	−12	−4	46.99	4.78	+20	−4	22.75	3.73	+22	+2	60.00	7.62	−16	+4
15	19.74	10.37	−3	−6	48.10	4.67	+24	−2	23.99	3.77	+15	+4	61.12	7.82	−26	+2
16	20.43	10.12	+6	−6	49.21	4.56	+24	0	25.23	3.82	+5	+5	62.23	8.03	−32	−1
17	21.14	9.88	+15	−5	50.33	4.46	+19	+2	26.47	3.88	−8	+5	63.33	8.24	−31	−4
18	21.86	9.64	+22	−4	51.46	4.36	+11	+4	27.71	3.94	−21	+4	64.42	8.46	−24	−7
19	22.60	9.40	+25	−2	52.60	4.27	−1	+5	28.94	4.01	−30	+1	65.50	8.68	−11	−8
20	23.35	9.17	+23	0	53.74	4.18	−14	+4	30.18	4.09	−34	−2	66.57	8.91	+3	−8
21	24.12	8.94	+17	+3	54.89	4.10	−26	+2	31.41	4.17	−30	−5	67.63	9.14	+17	−7
22	24.91	8.71	+6	+4	56.05	4.02	−33	−1	32.65	4.26	−21	−8	68.69	9.37	+26	−3
23	25.72	8.49	−7	+4	57.21	3.95	−34	−4	33.88	4.35	−6	−9	69.74	9.61	+29	+1
24	26.54	8.27	−20	+4	58.38	3.89	−27	−7	35.12	4.45	+9	−8	70.78	9.85	+25	+5
25	27.38	8.06	−30	+1	59.56	3.83	−15	−9	36.35	4.55	+22	−5	71.80	10.10	+15	+8
26	28.23	7.85	−34	−2	60.74	3.77	+2	−9	37.58	4.66	+30	−1	72.81	10.35	+1	+9
27	29.10	7.65	−31	−5	61.93	3.72	+18	−7	38.80	4.77	+29	+3	73.82	10.60	−12	+8
28	29.98	7.45	−21	−8	63.13	3.68	+28	−3	40.02	4.89	+22	+7	74.82	10.86	−21	+6
29	30.88	7.26	−6	−8	64.33	3.64	+32	+1	41.24	5.01	+10	+9	75.81	11.12	−26	+3
30	31.79	7.07	+11	−7	65.54	3.61	+28	+6	42.45	5.13	−4	+9	76.78	11.39	−24	0
31	32.72	6.88	+24	−4	66.75	3.58	+18	+9	43.66	5.26	−16	+8	77.74	11.66	−17	−3
32	33.66	6.70	+32	0					44.86	5.40	−23	+5	78.69	11.93	−8	−5

δ	sec δ	tg δ	δ	sec δ	tg δ
+88° 59′ 0″	56.359	+56.351	+88° 59′ 10″	56.514	+56.505
10	56.514	+56.505	20	56.669	+56.660

$\alpha_{1942.0} = 1^h\,43^m\,46^s.21$ $\delta_{1942.0} = +88°\,59'\,20''.34$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Nb) α Ursae minoris 2ᵐ.12

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$1^h 45^m$	+88° 59′	in 0.01ˢ	in 0.01″	$1^h 45^m$	+88° 59′	in 0.01ˢ	in 0.01″	$1^h 45^m$	+88° 59′	in 0.01ˢ	in 0.01″	$1^h 45^m$	+88° 59′	in 0.01ˢ	in 0.01″
1	18.69	11.93	− 8	−5	40.89	21.56	+18	−5	47.81	33.46	+11	+5	35.97	43.82	−22	+ 3
2	19.63	12.21	+ 4	−6	41.39	21.91	+25	−3	47.70	33.83	− 1	+5	35.27	44.12	−31	+ 1
3	20.56	12.49	+14	−5	41.88	22.27	+27	0	47.58	34.20	−15	+5	34.55	44.42	−35	− 2
4	21.47	12.77	+22	−4	42.35	22.63	+24	+2	47.44	34.57	−26	+3	33.82	44.71	−31	− 6
5	22.37	13.06	+27	−2	42.80	23.00	+17	+4	47.28	34.94	−32	0	33.07	45.00	−20	− 8
6	23.26	13.35	+27	+1	43.23	23.36	+ 6	+5	47.10	35.31	−32	−3	32.30	45.29	− 5	− 9
7	24.14	13.64	+22	+3	43.64	23.73	− 7	+5	46.89	35.67	−25	−6	31.51	45.57	+10	− 8
8	25.01	13.94	+13	+5	44.03	24.09	−19	+4	46.66	36.04	−13	−8	30.71	45.85	+24	− 5
9	25.86	14.24	+ 1	+5	44.41	24.46	−28	+2	46.41	36.40	+ 2	−8	29.89	46.12	+31	− 1
10	26.70	14.54	−11	+5	44.77	24.83	−32	−1	46.15	36.77	+18	−6	29.05	46.39	+31	+ 3
11	27.52	14.85	−22	+4	45.11	25.20	−29	−4	45.87	37.13	+28	−3	28.19	46.66	+24	+ 7
12	28.33	15.16	−29	+1	45.43	25.57	−20	−7	45.56	37.48	+32	+1	27.32	46.92	+11	+ 9
13	29.12	15.47	−31	−2	45.74	25.94	− 6	−8	45.23	37.84	+29	+5	26.43	47.18	− 3	+10
14	29.90	15.78	−26	−5	46.02	26.32	+ 9	−7	44.88	38.19	+19	+8	25.52	47.43	−16	+ 8
15	30.67	16.10	−15	−8	46.29	26.69	+22	−5	44.52	38.55	+ 5	+9	24.60	47.68	−23	+ 5
16	31.42	16.42	− 1	−8	46.54	27.07	+30	−1	44.14	38.90	− 9	+9	23.66	47.92	−25	+ 2
17	32.16	16.75	+13	−7	46.77	27.44	+30	+2	43.73	39.24	−19	+7	22.71	48.16	−21	− 1
18	32.89	17.08	+24	−4	{46.98 {47.17	27.82 28.20	+24 +13	+6} +8}	43.30	39.58	−25	+3	21.74	48.39	−13	− 4
19	33.60	17.41	+30	−1	47.34	28.57	− 2	+9	42.85	39.93	−25	0	20.76	48.61	− 2	− 5
20	34.30	17.75	+27	+3	47.50	28.95	−14	+7	42.39	40.27	−19	−3	19.76	48.83	+ 9	− 5
21	34.98	18.09	+19	+6	47.63	29.32	−23	+5	41.91	40.61	−10	−4	18.75	49.04	+18	− 4
22	35.64	18.42	+ 6	+8	47.75	29.70	−26	+2	41.40	40.95	+ 1	−5	17.73	49.25	+23	− 3
23	36.29	18.76	− 7	+8	47.84	30.08	−23	−1	40.87	41.28	+11	−5	16.69	49.45	+26	− 1
24	36.92	19.10	−18	+7	47.91	30.46	−17	−4	40.32	41.61	+19	−4	15.64	49.65	+24	+ 1
25	37.54	19.45	−25	+4	47.97	30.84	− 7	−5	39.76	41.94	+25	−2	14.58	49.84	+19	+ 3
26	38.14	19.80	−26	+1	48.01	31.21	+ 5	−6	39.18	42.26	+26	0	13.50	50.03	+ 9	+ 5
27	38.72	20.14	−22	−2	48.03	31.59	+14	−5	38.57	42.58	+23	+2	12.41	50.21	− 3	+ 5
28	39.29	20.49	−13	−4	48.02	31.96	+22	−4	37.95	42.90	+15	+4	11.31	50.39	−16	+ 4
29	39.84	20.84	− 1	−6	48.00	32.34	+27	−2	37.31	43.21	+ 4	+5	10.20	50.56	−27	+ 2
30	40.37	21.20	+10	−6	47.95	32.71	+26	+1	36.65	43.52	− 9	+5	9.08	50.72	−34	− 1
31	40.89	21.56	+18	−5	47.89	33.09	+20	+3	35.97	43.82	−22	+3	7.94	50.88	−34	− 5
32					47.81	33.46	+11	+5					6.79	51.03	−27	− 8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+88° 59′ 10″	56.514	+ 56.505	+88° 59′ 30″	56.825	+ 56.816	+88° 59′ 50″	57.140	+ 57.131
20	56.669	+ 56.660	40	56.982	+ 56.973	60	57.299	+ 57.290

$\alpha_{1942.0} = 1^h\ 43^m\ 46^s.21$ $\delta_{1942.0} = +88°\ 59'\ 20''.34$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Nc) Grb 750 Cepheus $6^{m}.70$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in	
Unit	$4^h 17^m$	$+85° 23'$	$0^s.01$	$0''.01$	$4^h 17^m$	$+85° 24'$	$0^s.01$	$0''.01$	$4^h 17^m$	$+85° 24'$	$0^s.01$	$0''.01$	$4^h 17^m$	$+85° 23'$	$0^s.01$	$0''.01$
1	44.68	56.97	+2	−6	39.16	3.99	+5	+2	31.98	5.80	+4	+4	24.45	62.32	−6	+4
2	44.56	57.26	+4	−5	38.92	4.14	+3	+5	31.72	5.78	+1	+6	24.25	62.12	−7	+1
3	44.44	57.55	+5	−3	38.68	4.28	0	+6	31.46	5.75	−2	+6	24.05	61.92	−7	−2
4	44.32	57.83	+5	0	38.44	4.41	−3	+6	31.20	5.71	−5	+5	23.85	61.72	−5	−5
5	44.19	58.10	+4	+3	38.20	4.54	−6	+5	30.93	5.66	−7	+3	23.66	61.51	−2	−7
6	44.06	58.38	+1	+5	37.96	4.67	−7	+2	30.67	5.61	−8	0	23.47	61.29	+2	−7
7	43.92	58.65	−1	+6	37.72	4.79	−8	−2	30.41	5.56	−7	−3	23.28	61.08	+5	−5
8	43.78	58.92	−5	+6	37.47	4.90	−6	−5	30.15	5.50	−4	−6	23.10	60.86	+8	−2
9	43.63	59.18	−7	+3	37.22	5.00	−4	−7	29.89	5.43	−1	−7	22.93	60.64	+8	+1
10	43.48	59.44	−8	0	36.97	5.10	0	−8	29.63	5.36	+3	−7	22.75	60.41	+7	+5
11	43.33	59.70	−8	−3	36.72	5.19	+4	−6	29.37	5.28	+6	−4	22.58	60.18	+5	+7
12	43.17	59.95	−6	−6	36.46	5.28	+7	−3	29.11	5.19	+8	−1	22.41	59.94	+2	+8
13	43.00	60.20	−2	−8	36.20	5.36	+8	0	28.86	5.10	+8	+3	22.25	59.70	−1	+7
14	42.83	60.44	+2	−7	35.95	5.43	+8	+4	28.60	5.00	+7	+6	22.10	59.46	−3	+5
15	42.66	60.68	+5	−5	35.69	5.50	+6	+7	28.35	4.89	+4	+8	21.94	59.21	−5	+3
16	42.48	60.91	+8	−2	35.43	5.56	+3	+8	28.10	4.78	+1	+8	21.79	58.96	−5	0
17	42.30	61.14	+8	+2	35.17	5.62	0	+8	27.86	4.67	−2	+7	21.65	58.71	−5	−3
18	42.12	61.37	+8	+6	34.91	5.67	−3	+6	27.61	4.55	−4	+5	21.51	58.45	−4	−5
19	41.93	61.59	+5	+8	34.64	5.71	−5	+4	27.37	4.42	−5	+2	21.38	58.19	−2	−7
20	41.73	61.81	+2	+8	34.38	5.75	−5	0	27.13	4.29	−5	−1	21.25	57.93	0	−7
21	41.54	62.02	−1	+7	34.11	5.78	−5	−2	26.89	4.16	−5	−4	21.12	57.67	+3	−6
22	41.34	62.22	−3	+5	33.85	5.80	−4	−5	26.65	4.02	−3	−6	21.00	57.40	+4	−5
23	41.13	62.42	−5	+2	33.58	5.82	−2	−7	26.42	3.87	−1	−7	20.89	57.13	+5	−2
24	40.92	62.62	−5	−1	33.31	5.83	0	−7	26.19	3.72	+1	−7	20.78	56.86	+4	+1
25	40.71	62.81	−4	−4	33.05	5.84	+3	−6	25.96	3.56	+3	−6	20.67	56.59	+3	+4
26	40.50	62.99	−3	−6	32.78	5.84	+4	−5	25.74	3.39	+5	−3	20.57	56.31	0	+6
27	40.28	63.17	−1	−7	32.51	5.83	+5	−2	25.52	3.22	+5	0	20.47	56.04	−3	+6
28	40.06	63.35	+1	−7	32.25	5.82	+5	+1	25.30	3.05	+4	+3	20.38	55.76	−6	+5
29	39.84	63.52	+3	−6	31.98	5.80	+4	+4	25.08	2.88	+2	+5	20.29	55.48	−8	+2
30	39.62	63.68	+5	−3					24.87	2.70	−1	+6	20.21	55.19	−8	−1
31	39.39	63.84	+5	−1					24.66	2.51	−4	+6	20.13	54.91	−7	−4
32	39.16	63.99	+5	+2					24.45	2.32	−6	+4				

δ	$\sec\delta$	$\operatorname{tg}\delta$	δ	$\sec\delta$	$\operatorname{tg}\delta$
+85° 23′ 50″	12.461	+12.421	+85° 24′ 0″	12.469	+12.429
60	12.469	+12.429	10	12.477	+12.436

$\alpha_{1942.0} = 4^h\ 17^m\ 28^s.68$ $\delta_{1942.0} = +85°\ 23'\ 54''.48$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Nc) Grb 750 Cepheus $6^m\!.70$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$4^h 17^m$	+85° 23′	in $0^s.01$	in $0''.01$	$4^h 17^m$	+85° 23′	in $0^s.01$	in $0''.01$	$4^h 17^m$	+85° 23′	in $0^s.01$	in $0''.01$	$4^h 17^m$	+85° 23′	in $0^s.01$	in $0''.01$
1	20.13	54.91	−7	−4	20.18	45.83	+6	−5	24.50	38.28	+9	+4	32.25	33.77	−1	+8
2	20.06	54.62	−4	−7	20.26	45.54	+8	−2	24.71	38.07	+7	+7	32.54	33.69	−4	+5
3	19.99	54.34	0	−7	20.35	45.26	+9	+2	24.93	37.87	+4	+9	32.83	33.62	−5	+2
4	19.93	54.05	+4	−6	20.44	44.98	+8	+6	25.14	37.68	0	+9	33.12	33.55	−5	−1
5	19.87	53.76	+7	−3	20.53	44.70	+6	+8	25.36	37.48	−2	+7	33.41	33.49	−3	−4
6	19.82	53.47	+9	0	20.63	44.42	+2	+9	25.58	37.29	−4	+4	33.70	33.43	−1	−6
7	19.77	53.18	+9	+4	20.73	44.15	−1	+8	25.80	37.10	−5	+1	33.99	33.38	+1	−7
8	19.73	52.88	+7	+7	20.84	43.87	−3	+5	26.02	36.92	−4	−2	34.29	33.33	+3	−6
9	19.69	52.59	+4	+8	20.95	43.59	−5	+2	26.25	36.74	−3	−5	34.58	33.28	+4	−5
10	19.65	52.30	+1	+8	21.07	43.32	−5	−1	26.48	36.56	−1	−6	34.88	33.24	+5	−3
11	19.62	52.00	−2	+7	21.19	43.05	−4	−3	26.71	36.39	+1	−7	35.18	33.21	+6	0
12	19.60	51.70	−4	+4	21.32	42.79	−2	−5	26.95	36.23	+3	−6	35.48	33.18	+4	+3
13	19.58	51.40	−5	+1	21.46	42.52	0	−6	27.20	36.06	+4	−4	35.78	33.16	+2	+5
14	19.57	51.11	−5	−2	21.59	42.26	+1	−6	27.44	35.90	+5	−2	36.09	33.14	0	+6
15	19.56	50.81	−4	−4	21.73	42.01	+3	−5	27.69	35.75	+5	+1	36.39	33.12	−3	+6
16	19.56	50.51	−2	−6	21.87	41.75	+4	−4	27.94	35.60	+4	+3	36.69	33.11	−6	+4
17	19.56	50.21	0	−7	22.02	41.50	+5	−1	28.19	35.45	+1	+5	36.99	33.10	−8	+2
18	19.57	49.92	+2	−6	22.17	41.25	+4	+2	28.44	35.31	−2	+6	37.30	33.10	−8	−2
19	19.58	49.62	+3	−5	22.32	41.00	+2	+4	28.70	35.17	−5	+5	37.60	33.10	−7	−5
20	19.59	49.33	+5	−3	22.48	40.76	0	+6	28.96	35.03	−8	+3	37.91	33.11	−4	−7
21	19.61	49.03	+5	0	22.65	40.52	−4	+6	29.22	34.90	−9	0	38.22	33.12	0	−8
22	19.64	48.74	+3	+3	22.82	40.28	−7	+5	29.49	34.77	−9	−3	38.53	33.14	+3	−7
23	19.67	48.44	+1	+5	22.99	40.05	−9	+2	29.76	34.65	−6	−7	38.84	33.17	+6	−4
24	19.71	48.15	−2	+6	23.17	39.82	−9	−2	30.03	34.54	−3	−8	39.14	33.20	+8	0
25	19.75	47.86	−5	+6	23.35	39.59	−8	−5	30.30	34.43	+1	−8	39.45	33.23	+7	+4
26	19.80	47.57	−8	+4	23.53	39.37	−5	−7	30.57	34.32	+5	−6	39.76	33.26	+5	+7
27	*)19.85	47.27	−9	0	23.72	39.14	0	−8	30.84	34.21	+7	−2	40.07	33.30	+3	+8
28	19.91	46.98	−8	−3	23.91	38.92	+4	−7	31.12	34.11	+8	+2	40.37	33.35	0	+8
29	19.97	46.69	−6	−6	24.10	38.70	+7	−4	31.40	34.02	+7	+6	40.68	33.40	−3	+6
30	20.03	46.40	−2	−8	24.30	38.49	+9	0	31.68	33.93	+5	+8	40.99	33.46	−5	+3
31	20.10	46.11	+2	−7	24.50	38.28	+9	+4	31.97	33.85	+2	+9	41.30	33.52	−5	0
32	20.18	45.83	+6	−5					32.25	33.77	−1	+8	41.60	33.58	−4	−3

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 23′ 30″	12.446	+ 12.406	+85° 23′ 40″	12.454	+ 12.414	+85° 23′ 50″	12.461	+ 12.421
40	12.454	+ 12.414	50	12.461	+ 12.421	60	12.469	+ 12.429

$\alpha_{1942.0} = 4^h\ 17^m\ 28^s\!.68$ $\delta_{1942.0} = +85°\ 23'\ 54''\!.48$

*) Tag der doppelten unteren Kulmination: Mai 27.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Nc) Grb 750 Cepheus $6^m.70$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
		+	in			+	in			+	in			+	in	
	$4^h 17^m$	85° 23′	$0^s.01$	0″.01	$4^h 17^m$	85° 23′	$0^s.01$	0″.01	$4^h 17^m$	85° 23′	$0^s.01$	0″.01	$4^h 18^m$	85° 23′	$0^s.01$	0″.01
1	41.60	33.58	−4	−3	50.48	37.59	+1	−7	57.74	45.44	+5	−1	1.42	55.63	−2	+6
2	41.91	33.65	−3	−5	50.75	37.79	+3	−6	57.92	45.74	+5	+2	1.46	55.98	−5	+5
3	42.22	33.72	0	−6	51.02	37.99	+5	−4	58.10	46.05	+3	+4	1.50	56.32	−8	+3
4	42.53	33.80	+2	−7	51.29	38.20	+5	−2	58.28	46.35	0	+6	1.53	56.66	−9	0
5	42.83	33.89	+4	−6	51.56	38.42	+5	0	58.45	46.66	−3	+6	1.56	57.00	−9	−4
6	43.14	33.97	+5	−4	51.83	38.63	+4	+3	58.62	46.97	−6	+5	1.59	57.34	−6	−7
7	43.44	34.06	+6	−1	52.09	38.85	+2	+5	58.78	47.29	−8	+2	1.61	57.68	−3	−8
8	43.75	34.16	+5	+2	52.35	39.08	−1	+6	58.94	47.61	−9	−1	1.62	58.02	+2	−8
9	44.05	34.26	+3	+4	52.60	39.31	−4	+6	59.10	47.92	−7	−5	1.63	58.36	+6	−6
10	44.35	34.37	+1	+6	52.86	39.54	−7	+4	59.25	48.25	−4	−7	1.63	58.70	+8	−2
11	44.66	34.48	−2	+6	53.11	39.77	−8	+1	59.39	48.57	0	−8	1.63	59.04	+9	+2
12	44.96	34.59	−5	+5	53.36	40.01	−8	−2	59.53	48.89	+4	−7	1.62	59.38	+8	+6
13	45.26	34.71	−7	+3	53.60	40.25	−6	−5	59.67	49.22	+7	−4	1.61	59.71	+5	+8
14	45.56	34.83	−8	0	53.85	40.49	−3	−7	59.81	49.55	+9	0	1.59	60.04	+2	+9
15	45.86	34.96	−7	−4	54.09	40.74	+1	−7	59.94	49.87	+8	+4	1.57	60.38	−1	+8
16	46.16	35.09	−5	−7	54.33	40.99	+5	−6	60.06	50.21	+6	+7	1.54	60.71	−3	+5
17	46.46	35.23	−1	−8	54.57	41.24	+7	−2	60.18	50.54	+3	+8	1.51	61.04	−5	+2
18	46.76	35.37	+2	−7	54.81	41.50	+8	+1	60.29	50.87	0	+8	1.47	61.36	−5	−1
19	47.05	35.52	+5	−5	55.04	41.76	+7	+5	60.40	51.21	−3	+7	1.43	61.69	−3	−4
20	47.35	35.67	+7	−1	55.27	42.02	+5	+7	60.51	51.54	−4	+4	1.38	62.02	−1	−6
21	47.64	35.82	+7	+2	55.49	42.29	+2	+8	60.61	51.88	−5	0	1.33	62.34	+1	−6
22	47.93	35.98	+6	+6	55.71	42.56	−1	+8	60.71	52.22	−4	−2	1 27	62.66	+3	−6
23	48.22	36.14	+4	+8	55.93	42.84	−4	+6	60.80	52.55	−3	−5	1.20	62.98	+4	−5
24	48.51	36.31	+1	+8	56.14	43.11	−5	+2	60.89	52.89	−1	−6	1.13	63.30	+5	−3
25	48.79	36.48	−2	+7	56.36	43.40	−5	0	60.97	53.24	+1	−6	1.06	63.62	+5	0
26	49.08	36.66	−4	+5	56.57	43.68	−4	−3	61.05 61.13	53.58 53.92	+3 +5	−6 −4	0.98	63.94	+4	+2
27	49.37	36.84	−5	+1	56.78	43.97	−3	−5	61.20	54.26	+5	−2	0.90	64.25	+2	+5
28	49.65	37.02	−5	−2	56.98	44.26	0	−6	61.26	54.61	+5	+1	0.81	64.56	−1	+6
29	49.93	37.21	−4	−4	57.18	44.55	+2	−7	61.31	54.95	+3	+3	0.72	64.87	−4	+6
30	50.21	37.40	−2	−6	57.37	44.84	+4	−6	61.37	55.29	+1	+5	0.62	65.17	−7	+4
31	50.48	37.59	+1	−7	57.56	45.14	+5	−3	61.42	55.63	−2	+6	0.51	65.47	−9	+1
32					57.74	45.44	+5	−1					0.41	65.76	−10	−2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 23′ 30″	12.446	+ 12.406	+85° 23′ 40″	12.454	+ 12.414	+85° 24′ 0″	12.469	+ 12.429
40	12.454	+ 12.414	50	12.461	+ 12.421	10	12.477	+ 12.436

$\alpha_{1942.0} = 4^h\ 17^m\ 28^s.68$ $\delta_{1942.0} = +85°\ 23'\ 54''.48$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Nd) 51 Hev. Cephei $5^{m}.26$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		+	in			+	in			+	in			+	in	
	$7^h 14^m$	87° 8′	$0^s.01$	0″.01	$7^h 14^m$	87° 8′	$0^s.01$	0″.01	$7^h 14^m$	87° 8′	$0^s.01$	0″.01	$7^h 13^m$	87° 8′	$0^s.01$	0″.01
	s	″			s	″			s	″			s	″		
1	25.43	14.94	−6	−5	25.98	25.18	+7	−1	19.50	32.63	+8	+1	67.54	36.55	−4	+8
2	25.58	15.25	−3	−6	25.85	25.49	+7	+2	19.17	32.84	+7	+4	67.12	36.59	−8	+6
3	25.72	15.56	0	−6	25.71	25.80	+5	+5	18.83	33.05	+4	+6	66.70	36.62	−10	+3
4	25.86	15.88	+3	−5	25.57	26.10	+2	+7	18.49	33.25	0	+8	66.28	36.64	−10	0
5	25.99	16.20	+6	−3	25.41	26.40	−3	+8	18.15	33.44	−5	+7	65.86	36.65	−8	−4
6	26.10	16.51	+7	0	25.25	26.70	−8	+7	17.80	33.63	−9	+5	65.44	36.66	−4	−7
7	26.21	16.83	+6	+3	25.09	26.99	−11	+4	17.45	33.81	−11	+2	65.02	36.66	+2	−8
8	26.32	17.15	+4	+6	24.91	27.28	−12	+1	17.09	33.99	−10	−2	64.60	36.66	+7	−7
9	26.41 26.49	17.47 17.79	−1 −5	+8 +8	24.73	27.57	−10	−3	16.73	34.16	−7	−5	64.18	36.65	+11	−4
10	26.57	18.12	−10	+6	24.54	27.86	−6	−6	16.36	34.33	−2	−7	63.76	36.63	+13	−1
11	26.64	18.44	−12	+3	24.34	28.15	−1	−7	15.99	34.49	+3	−7	63.34	36.60	+12	+2
12	26.69	18.77	−12	−1	24.13	28.43	+5	−7	15.62	34.64	+8	−6	62.92	36.57	+9	+5
13	26.74	19.09	−9	−5	23.91	28.70	+10	−5	15.24	34.79	+11	−3	62.51	36.54	+5	+6
14	26.78	19.42	−4	−7	23.68	28.98	+12	−2	14.86	34.94	+12	0	62.10	36.50	+1	+7
15	26.81	19.74	+2	−8	23.45	29.25	+13	+1	14.47	35.08	+11	+3	61.69	36.45	−3	+6
16	26.83	20.07	+8	−6	23.21	29.52	+11	+4	14.08	35.21	+8	+5	61.28	36.40	−7	+4
17	26.84	20.39	+12	−4	22.97	29.78	+7	+6	13.69	35.34	+4	+7	60.87	36.34	−8	+1
18	26.85	20.72	+14	−1	22.72	30.04	+2	+7	13.29	35.46	−1	+6	60.46	36.28	−9	−2
19	26.84	21.04	+13	+3	22.46	30.30	−2	+6	12.90	35.58	−5	+5	60.06	36.21	−8	−4
20	26.83	21.37	+10	+5	22.19	30.55	−6	+4	12.50	35.69	−7	+3	59.66	36.13	−6	−6
21	26.81	21.69	+5	+6	21.91	30.80	−8	+1	12.10	35.79	−9	0	59.26	36.05	−3	−7
22	26.78	22.01	+1	+6	21.63	31.05	−9	−1	11.69	35.89	−9	−3	58.86	35.97	+1	−6
23	26.73	22.33	−4	+5	21.35	31.29	−8	−4	11.28	35.99	−7	−5	58.47	35.88	+4	−4
24	26.68	22.66	−7	+3	21.05	31.53	−6	−6	10.87	36.08	−4	−6	58.08	35.78	+6	−2
25	26.63	22.98	−8	0	20.75	31.76	−3	−7	10.46	36.16	−1	−7	57.70	35.68	+7	+1
26	26.56	23.29	−8	−3	20.45	31.99	+1	−6	10.04	36.23	+3	−6	57.32	35.57	+5	+5
27	26.48	23.61	−7	−5	20.14	32.21	+5	−5	9.63	36.30	+6	−4	56.94	35.46	+2	+7
28	26.40	23.93	−4	−6	19.82	32.42	+7	−2	9.21	36.37	+7	−1	56.56	35.34	−2	+8
29	26.31	24.24	−1	−7	19.50	32.63	+8	+1	8.80	36.42	+7	+3	56.19	35.22	−7	+7
30	26.21	24.56	+3	−6					8.38	36.47	+5	+6	55.82	35.09	−10	+5
31	26.10	24.87	+6	−4					7.96	36.51	+1	+7	55.46	34.95	−11	+1
32	25.98	25.18	+7	−1					7.54	36.55	−4	+8				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+87° 8′ 10″	20.015	+19.990	+87° 8′ 20″	20.034	+20.009	+87° 8′ 30″	20.053	+20.029
20	20.034	+20.009	30	20.053	+20.029	40	20.073	+20.048

$\alpha_{1942.0} = 7^h\ 14^m\ 4^s.60$ $\delta_{1942.0} = +87°\ 8'\ 26''.98$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Nd) 51 Hev. Cephei $5^m_.26$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$7^h 13^m$	+87° 8′	in $0^s.01$	in $0''.01$	$7^h 13^m$	+87° 8′	in $0^s.01$	in $0''.01$	$7^h 13^m$	+87° 8′	in $0^s.01$	in $0''.01$	$7^h 13^m$	+87° 8′	in $0^s.01$	in $0''.01$
1	55.46	34.95	−11	+1	46.74	28.53	+3	−8	44.38	19.66	+14	−3	48.80	10.15	+5	+7
2	55.10	34.81	−10	−3	46.55	28.26	+9	−7	44.41	19.35	+14	+1	49.05	9.86	0	+6
3	54.75	34.66	−6	−6	46.38	27.99	+13	−4	44.45	19.03	+12	+4	49.30	9.57	−4	+5
4	54.39	34.51	0	−8	46.21	27.72	+15	−1	44.50	18.72	+8	+6	49.57	9.29	−6	+2
5	54.05	34.36	+6	−8	46.05	27.45	+14	+2	44.56	18.41	+3	+7	49.84	9.00	−7	−1
6	53.71	34.20	+11	−6	45.89	27.17	+10	+5	44.63	18.09	−1	+6	50.11	8.72	−7	−4
7	53.37	34.03	+13	−3	45.75	26.89	+6	+6	44.70	17.78	−5	+3	50.39	8.44	−5	−6
8	53.03	33.86	+14	+1	45.61	26.61	+1	+6	44.78	17.47	−7	+1	50.68	8.17	−2	−7
9	52.71	33.69	+12	+4	45.47	26.33	−3	+5	44.87	17.15	−7	−2	50.98	7.89	+1	−7
10	52.39	33.51	+8	+6	45.35	26.04	−6	+3	44.96	16.84	−6	−4	51.28	7.62	+4	−6
11	52.06	33.32	+3	+7	45.23	25.75	−8	0	*)45.06	16.52	−4	−6	51.58	7.35	+6	−4
12	51.75	33.13	−2	+6	45.12	25.46	−8	−3	45.17	16.21	−1	−7	51.89	7.08	+8	−1
13	51.44	32.94	−5	+4	45.01	25.17	−6	−5	45.28	15.90	+2	−6	52.21	6.81	+7	+2
14	51.14	32.74	−7	+2	44.91	24.88	−4	−6	45.41	15.58	+5	−5	52.53	6.55	+5	+5
15	50.84	32.54	−8	−1	44.82	24.58	−1	−7	45.54	15.27	+6	−3	52.86	6.29	+1	+7
16	50.55	32.33	−8	−3	44.74	24.29	+2	−6	45.67	14.96	+7	0	53.19	6.03	−4	+8
17	50.27	32.12	−6	−5	44.66	23.99	+5	−4	45.82	14.65	+6	+3	53.53	5.78	−9	+7
18	49.99	31.91	−4	−6	44.59	23.69	+6	−1	45.97	14.34	+3	+6	53.88	5.53	−12	+4
19	49.72	31.69	0	−6	44.53	23.38	+6	+2	46.13	14.04	−1	+8	54.23	5.28	−13	+1
20	49.45	31.47	+3	−5	44.48	23.08	+4	+5	46.30	13.73	−6	+8	54.59	5.03	−11	−3
21	49.19	31.24	+5	−3	44.43	22.77	+1	+7	46.47	13.42	−11	+6	54.95	4.79	−7	−6
22	48.93	31.01	+6	0	44.39	22.47	−4	+8	46.65	13.11	−13	+3	55.32	4.55	−2	−7
23	48.68	30.78	+6	+3	44.36	22.16	−9	+8	46.84	12.81	−13	−1	55.69	4.31	+4	−7
24	48.44	30.54	+3	+6	44.34	21.85	−12	+5	47.03	12.51	−10	−4	56.06	4.08	+9	−5
25	48.21	30.30	−1	+8	44.32	21.54	−13	+1	47.23	12.21	−5	−7	56.44	3.85	+12	−2
26	47.98	30.06	−6	+8	44.31	21.23	−12	−3	47.43	11.91	+1	−8	56.82	3.62	+12	+2
27	47.75	29.81	−10	+6	44.31	20.92	−7	−6	47.64	11.61	+7	−7	57.21	3.40	+10	+5
28	47.54	29.56	−12	+3	44.32	20.61	−1	−8	47.86	11.31	+12	−4	57.60	3.18	+6	+7
29	47.33	29.31	−12	−1	44.33	20.29	+5	−8	48.09	11.02	+14	0	58.00	2.96	+2	+7
30	47.13	29.05	−9	−5	44.35	19.98	+11	−6	48.32	10.73	+13	+3	58.40	2.74	−3	+6
31	46.93	28.79	−4	−7	44.38	19.66	+14	−3	48.56	10.44	+10	+6	58.81	2.53	−6	+3
32	46.74	28.53	+3	−8					48.80	10.15	+5	+7	59.22	2.32	−8	+1

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+87° 8′ 0″	19.995	+19.970	+87° 8′ 10″	20.015	+19.990	+87° 8′ 30″	20.053	+20.029
10	20.015	+19.990	20	20.034	+20.009	40	20.073	+20.048

$\alpha_{1942.0} = 7^h\ 14^m\ 4^s.60$ $\delta_{1942.0} = +87°\ 8'\ 26''.98$

*) Tag der doppelten unteren Kulmination: Juli 11.

Obere Kulmination Greenwich

Nd) 51 Hev. Cephei $5^m.26$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
		+	in			+	in			+	in			+	in	
	$7^h 13^m$	87° 7′	0.01 s	0.01 ″	$7^h 14^m$	87° 7′	0.01 s	0.01 ″	$7^h 14^m$	87° 7′	0.01 s	0.01 ″	$7^h 14^m$	87° 8′	0.01 s	0.01 ″
	s	″			s	″			s	″			s	″		
1	59.22	62.32	−8	+1	13.14	57.91	−5	−6	28.92	57.66	+6	−4	42.45	1.95	+6	+4
2	59.63	62.12	−8	−3	13.64	57.83	−2	−7	29.42	57.73	+7	−1	42.83	2.16	+3	+7
3	60.05	61.92	−6	−5	14.15	57.76	+1	−7	29.91	57.81	+7	+2	43.21	2.38	−2	+8
4	60.47	61.72	−3	−6	14.65	57.68	+5	−5	30.40	57.89	+5	+5	43.58	2.60	−7	+8
5	60.90	61.53	0	−7	15.16	57.62	+7	−3	30.89	57.98	+1	+7	43.95	2.83	−11	+6
6	61.33	61.34	+3	−6	15.67	57.56	+8	0	31.38	58.07	−3	+8	44.31	3.06	−13	+3
7	61.77	61.16	+6	−5	16.18	57.50	+7	+3	31.86	58.17	−8	+7	44.66	3.30	−13	−1
8	62.21	60.98	+8	−2	16.69	57.45	+4	+6	32.35	58.27	−11	+5	45.01	3.54	−10	−5
9	62.65	60.80	+8	+1	17.21	57.40	0	+8	32.83	58.38	−12	+1	45.35	3.78	−4	−7
10	63.10	60.63	+6	+4	17.72	57.36	−5	+8	33.30	58.49	−11	−3	45.69	4.03	+2	−8
11	63.55	60.45	+3	+7	18.24	57.32	−9	+6	33.78	58.60	−7	−6	46.02	4.28	+8	−7
12	64.00	60.29	−2	+8	18.75	57.29	−11	+3	34.25	58.72	−1	−8	46.34	4.54	+13	−4
13	64.46	60.13	−6	+7	19.26	57.26	−11	0	34.72	58.85	+5	−8	46.65	4.79	+14	−1
14	64.92	59.97	−10	+5	19.78	57.24	−9	−4	35.18	58.98	+10	−6	46.96	5.05	+13	+3
15	65.38	59.81	−12	+2	20.29	57.22	−4	−7	35.64	59.12	+13	−3	47.26	5.32	+10	+6
16	65.85	59.66	−11	−2	20.79	57.21	+1	−8	36.10	59.26	+13	+1	47.55	5.59	+5	+7
17	66.32	59.52	−8	−5	21.30	57.20	+6	−7	36.55	59.41	+11	+4	47.83	5.86	0	+6
18	66.79	59.38	−3	−7	21.81	57.20	+11	−4	37.00	59.56	+7	+6	48.11	6.13	−4	+5
19	67.26	59.24	+2	−8	22.32	57.20	+13	−1	37.45	59.71	+3	+7	48.38	6.41	−6	+2
20	67.74	59.11	+8	−6	22.84	57.21	+12	+2	37.90	59.87	−2	+6	48.65	6.69	−7	−1
21	68.22	58.98	+11	−3	23.35	57.22	+9	+5	38.34	60.04	−5	+4	48.91	6.97	−6	−4
22	68.70	58.85	+12	+1	23.86	57.23	+5	+7	38.77	60.21	−7	+1	49.15	7.26	−5	−6
23	69.19	58.73	+11	+4	24.37	57.25	0	+7	39.20	60.38	−8	−2	49.39	7.55	−2	−7
24	69.67	58.61	+7	+6	24.88	57.28	−4	+5	39.62	60.56	−7	−4	49.63	7.84	+1	−7
25	70.16	58.50	+3	+7	25.39	57.31	−7	+3	40.04	60.75	−4	−6	49.85	8.14	+4	−6
26	70.66	58.39	−1	+7	25.90	57.34	−8	0	40.45	60.94	−1	−7	50.06	8.44	+6	−4
27	71.15	58.29	−5	+5	26.40	57.38	−8	−3	40.86	61.13	+2	−6	50.27	8.75	+7	−1
28	71.65	58.19	−8	+2	26.91	57.43	−6	−5	41.27	61.33	+5	−5	50.47	9.05	+6	+2
29	72.15	58.09	−8	−1	27.42	57.48	−3	−6	41.67	61.53	+6	−3	50.66	9.36	+4	+5
30	72.64	58.00	−7	−4	27.92	57.54	0	−7	42.06	61.74	+7	0	50.85	9.67	0	+8
31	73.14	57.91	−5	−6	28.42	57.60	+3	−6	42.45	61.95	+6	+4	51.02	9.98	−5	+9
32					28.92	57.66	+6	−4					51.19	10.29	−10	+8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+87° 7′ 50″	19.976	+19.951	+87° 8′ 0″	19.995	+19.970	+87° 8′ 10″	20.015	+19.990
60	19.995	+19.970	10	20.015	+19.990	20	20.034	+20.009

$\alpha_{1942.0} = 7^h\ 14^m\ 4^s.60$ $\delta_{1942.0} = +87°\ 8'\ 26''.98$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Ne) I Hev. Draconis $4^m.58$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
		+	in			+	in			+	in			+	in	
	$9^h 29^m$	$81° 34'$	$0^s.01$	$0''.01$	$9^h 29^m$	$81° 34'$	$0^s.01$	$0''.01$	$9^h 29^m$	$81° 35'$	$0^s.01$	$0''.01$	$9^h 28^m$	$81° 35'$	$0^s.01$	$0''.01$
1	$1^s.69$	$48''.72$	−3	−2	$4^s.63$	$56''.31$	+1	−5	$4^s.88$	$5''.26$	+3	−2	$62^s.58$	$13''.40$	0	+8
2	1.82	48.90	−2	−4	4.68	56.61	+2	−3	4.84	5.56	+3	+1	62.47	13.60	−1	+8
3	1.95	49.09	−1	−5	4.73	56.90	+3	−1	4.80	5.86	+3	+4	62.37	13.80	−3	+6
4	2.08	49.28	0	−5	4.78	57.20	+3	+2	4.76	6.17	+1	+7	62.25	14.00	−4	+3
5	2.21	49.47	+1	−5	4.82	57.50	+2	+5	4.71	6.46	0	+8	62.14	14.19	−4	−1
6	2.33	49.67	+2	−3	4.86	57.81	+1	+7	4.66	6.76	−2	+7	62.03	14.37	−3	−5
7	2.45	49.88	+3	+1	4.90	58.11	−1	+8	4.61	7.05	−3	+5	61.91	14.55	−1	−7
8	2.57	50.09	+3	+4	4.93	58.42	−3	+7	4.56	7.34	−4	+2	61.79	14.73	+1	−8
9	2.68	50.30	+1	+7	4.95	58.73	−4	+5	4.51	7.63	−3	−2	61.68	14.90	+3	−8
10	2.79	50.52	0	+8	4.98	59.04	−4	+1	4.45	7.92	−2	−5	61.55	15.06	+4	−6
11	2.90	50.75	−2	+8	5.00	59.35	−3	−3	4.38	8.20	0	−7	61.43	15.22	+5	−3
12	3.01	50.98	−4	+7	5.02 / 5.04	59.66 / 59.98	−2 / 0	−6 / −8	4.32	8.48	+2	−8	61.31	15.38	+4	0
13	3.12	51.21	−4	+3	5.06	60.29	+2	−8	4.26	8.76	+3	−7	61.19	15.53	+3	+3
14	3.22	51.45	−4	−1	5.07	60.60	+4	−6	4.19	9.04	+4	−4	61.06	15.67	+2	+5
15	3.32	51.69	−3	−5	5.08	60.91	+5	−3	4.12	9.31	+5	−1	60.94	15.81	0	+6
16	3.42	51.93	−1	−7	5.09	61.23	+5	0	4.05	9.58	+4	+2	60.81	15.95	−2	+5
17	3.52	52.18	+1	−8	5.09	61.54	+3	+3	3.97	9.85	+2	+4	60.69	16.08	−3	+4
18	3.61	52.43	+3	−8	5.08	61.85	+2	+5	3.90	10.11	+1	+6	60.56	16.20	−4	+2
19	3.70	52.69	+5	−5	5.08	62.16	0	+6	3.82	10.37	−1	+6	60.43	16.32	−4	−1
20	3.79	52.95	+5	−2	5.07	62.47	−2	+5	3.73	10.63	−2	+5	60.30	16.43	−3	−3
21	3.88	53.22	+4	+1	5.06	62.78	−3	+4	3.65	10.88	−3	+3	60.17	16.53	−2	−5
22	3.96	53.49	+3	+3	5.05	63.10	−4	+2	3.56	11.13	−4	+1	60.04	16.63	−1	−5
23	4.04	53.76	+2	+5	5.04	63.41	−4	0	3.48	11.38	−4	−2	59.91	16.73	+1	−5
24	4.12	54.03	0	+5	5.02	63.72	−3	−3	3.39	11.62	−3	−4	59.78	16.82	+2	−4
25	4.20	54.31	−2	+5	5.00	64.03	−2	−5	3.29	11.86	−2	−5	59.65	16.90	+3	−1
26	4.27	54.59	−3	+3	4.98	64.34	−1	−6	3.20	12.09	0	−6	59.51	16.98	+3	+2
27	4.34	54.87	−3	+1	4.95	64.64	+1	−6	3.10	12.32	+1	−5	59.38	17.05	+2	+5
28	4.41	55.15	−3	−1	4.91	64.95	+2	−5	3.00	12.54	+2	−3	59.25	17.12	+1	+8
29	4.47	55.44	−3	−4	4.88	65.26	+3	−2	2.90	12.76	+3	0	59.12	17.18	−1	+9
30	4.52	55.72	−2	−5					2.80	12.98	+3	+3	58.98	17.23	−3	+8
31	4.58	56.02	0	−6					2.69	13.19	+2	+6	58.85	17.28	−4	+5
32	4.63	56.31	+1	−5					2.58	13.40	0	+8				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+81° 34′ 40″	6.827	+6.754	+81° 34′ 50″	6.830	+6.756	+81° 35′ 10″	6.834	+6.761
50	6.830	+6.756	60	6.832	+6.758	20	6.836	+6.763

$\alpha_{1942.0} = 9^h\ 28^m\ 58^s.91$ $\delta_{1942.0} = +81°\ 35'\ 7''.45$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Ne) 1 Hev. Draconis $4^m.58$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		+	in			+	in			+	in			+	in	
	$9^h\,28^m$	$81°\,35'$	$0^s.01$	$0''.01$	$9^h\,28^m$	$81°\,35'$	$0^s.01$	$0''.01$	$9^h\,28^m$	$81°\,35'$	$0^s.01$	$0''.01$	$9^h\,28^m$	$81°\,34'$	$0^s.01$	$0''.01$
1	$58^s.85$	$17''.28$	−4	+5	$54^s.89$	$16''.02$	−1	−8	$52^s.14$	$10''.21$	+4	−7	$51^s.12$	$61''.04$	+3	+4
2	58.72	17.32	−4	+1	54.78	15.89	+2	−9	52.07	9.95	+5	−4	51.13	60.71	+1	+5
3	58.58	17.36	−3	−3	54.66	15.76	+4	−8	52.01	9.70	+5	−1	51.13	60.38	0	+5
4	58.45	17.40	−1	−6	54.55	15.62	+5	−6	51.95	9.43	+4	+2	51.14	60.05	−2	+4
5	58.31	17.42	0	−8	54.44	15.48	+5	−3	51.89	9.17	+2	+4	51.15	59.72	−3	+2
6	58.18	17.44	+3	−9	54.33	15.33	+5	+1	51.84	8.90	+1	+5	51.16	59.39	−3	−1
7	58.05	17.46	+4	−7	54.23	15.18	+3	+3	51.78	8.63	−1	+5	51.17	59.06	−3	−3
8	57.92	17.47	+5	−4	54.12	15.02	+1	+5	51.73	8.35	−2	+3	51.19	58.72	−2	−5
9	57.78	17.47	+5	+1	54.02	14.86	0	+5	51.68	8.07	−3	+1	51.21	58.39	−1	−6
10	57.65	17.47	+4	+2	53.92	14.69	−2	+4	51.64	7.79	−3	−1	51.23	58.05	0	−6
11	57.52	17.46	+2	+4	53.82	14.52	−3	+3	51.59	7.51	−3	−3	51.25	57.72	+2	−5
12	57.39	17.45	+1	+5	53.72	14.34	−3	0	51.55	7.22	−2	−5	51.27	57.38	+2	−3
13	57.25	17.43	−1	+5	53.62	14.16	−3	−2	51.50	6.94	−1	−6	51.30	57.05	+3	0
14	57.12	17.40	−2	+4	53.52	13.98	−3	−4	51.46	6.65	+1	−6	*)51.33	56.71	+3	+3
15	56.99	17.37	−3	+2	53.43	13.79	−2	−5	51.43	6.35	+2	−4	51.36	56.37	+2	+6
16	56.86	17.34	−3	0	53.33	13.60	0	−5	51.39	6.06	+3	−2	51.40	56.03	0	+8
17	56.73	17.30	−3	−2	53.24	13.40	+1	−5	51.36	5.76	+3	+1	51.44	55.70	−2	+9
18	56.60	17.25	−2	−4	53.15	13.20	+2	−3	51.33	5.46	+2	+4	51.48	55.36	−3	+8
19	56.47	17.20	−1	−5	53.07	12.99	+3	−1	51.30	5.16	+1	+7	51.52	55.02	−4	+5
20	56.35	17.14	0	−5	52.98	12.78	+3	+3	51.28	4.85	−1	+9	51.56	54.68	−5	+1
21	56.22	17.07	+1	−4	52.89	12.57	+2	+6	51.25	4.54	−2	+9	51.60	54.34	−4	−3
22	56.09	17.00	+2	−2	52.81	12.35	0	+8	51.23	4.23	−4	+7	51.64	54.01	−2	−6
23	55.97	16.93	+3	+1	52.73	12.13	−2	+9	51.21	3.92	−5	+4	51.69	53.67	0	−7
24	55.85	16.85	+2	+4	52.65	11.90	−3	+9	51.19	3.61	−4	0	51.74	53.33	+3	−8
25	55.72	16.77	+1	+7	52.57	11.67	−4	+6	51.17	3.29	−3	−4	51.79	52.99	+4	−6
26	55.60	16.68	−1	+9	52.50	11.44	−5	+2	51.16	2.98	−1	−7	51.85	52.66	+5	−3
27	55.48	16.58	−2	+9	52.42	11.20	−4	−3	51.15	2.66	+1	−8	51.91	52.32	+5	0
28	55.36	16.48	−4	+7	52.35	10.96	−2	−6	51.14	2.34	+3	−7	51.97	51.99	+3	+3
29	55.24	16.37	−4	+3	52.28	10.71	0	−8	51.13	2.01	+5	−5	52.03	51.65	+2	+5
30	55.13	16.26	−4	−1	52.21	10.46	+3	−9	51.13	1.69	+5	−2	52.09	51.32	0	+6
31	55.01	16.14	−3	−5	52.14	10.21	+4	−7	51.13	1.36	+5	+1	52.15	50.98	−1	+5
32	54.89	16.02	−1	−8					51.12	1.04	+3	+4	52.22	50.65	−3	+3

δ		sec δ	tg δ	δ		sec δ	tg δ	δ		sec δ	tg δ
+81° 34′	50″	6.830	+6.756	+81° 35′	0″	6.832	+6.758	+81° 35′	10″	6.834	+6.761
	60	6.832	+6.758		10	6.834	+6.761		20	6.836	+6.763

$\alpha_{1942.0} = 9^h\ 28^m\ 58^s.91$ $\qquad \delta_{1942.0} = +81°\ 35'\ 7''.45$

*) Tag der doppelten unteren Kulmination: Aug. 14.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Ne) 1 Hev. Draconis $4^m.58$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		+	in			+	in			+	in			+	in	
	$9^h 28^m$	81° 34′	$0^s.01$	0″.01	$9^h 28^m$	81° 34′	$0^s.01$	0″.01	$9^h 28^m$	81° 34′	$0^s.01$	0″.01	$9^h 29^m$	81° 34′	$0^s.01$	0″.01
	s	″			s	″			s	″			s	″		
1	52.22	50.65	−3	+3	55.17	41.39	−3	−3	59.74	34.59	+1	−5	4.90	32.30	+3	+1
2	52.29	50.32	−3	+1	55.29	41.11	−2	−5	59.91	34.44	+2	−3	5.07	32.31	+2	+5
3	52.36	49.99	−3	−2	55.42	40.84	−1	−6	60.07	34.29	+3	−1	5.24	32.33	+1	+8
4	52.44	49.66	−3	−4	55.55	40.57	+1	−6	60.24	34.15	+3	+3	5.41	32.35	−1	+9
5	52.51	49.33	−1	−6	55.68	40.31	+2	−5	60.41	34.01	+2	+6	5.58	32.38	−3	+9
6	52.59	49.00	0	−6	55.82	40.05	+3	−3	60.58	33.88	0	+8	5.74	32.41	−4	+7
7	52.67	48.68	+1	−6	55.95	39.79	+3	0	60.75	33.75	−1	+9	5.91	32.45	−5	+4
8	52.76	48.35	+2	−4	56.09	39.54	+3	+4	60.92	33.62	−3	+8	6.08	32.49	−4	−1
9	52.84	48.03	+3	−2	56.23	39.29	+2	+6	61.09	33.50	−4	+5	6.25	32.54	−3	−5
10	52.93	47.70	+3	+1	56.36	39.04	0	+8	61.25	33.39	−4	+1	6.42	32.60	−1	−8
11	53.02	47.38	+2	+4	56.50	38.79	−2	+8	61.42	33.28	−4	−3	6.59	32.66	+2	−9
12	53.11	47.06	+1	+7	56.64	38.55	−3	+7	61.60	33.18	−2	−6	6.75	32.73	+4	−8
13	53.20	46.75	−1	+8	56.79	38.32	−4	+4	61.77	33.09	0	−8	6.92	32.81	+5	−5
14	53.30	46.43	−2	+8	56.93	38.08	−4	0	61.94	33.00	+2	−8	7.08	32.89	+5	−2
15	53.39	46.12	−4	+6	57.08	37.86	−3	−4	62.12	32.91	+4	−7	7.24	32.97	+5	+1
16	53.49	45.81	−4	+2	57.23	37.63	−1	−7	62.29	32.83	+5	−4	7.39	33.06	+3	+4
17	53.59	45.50	−4	−1	57.38	37.41	+1	−8	62.47	32.76	+5	0	7.55	33.16	+1	+5
18	53.69	45.19	−3	−5	57.53	37.20	+3	−8	62.64	32.69	+4	+3	7.71	33.26	0	+5
19	53.79	44.88	−1	−7	57.68	36.99	+4	−5	62.82	32.62	+2	+5	7.87	33.37	−2	+4
20	53.90	44.58	+2	−8	57.83	36.78	+5	−2	62.99	32.56	0	+6	8.02	33.48	−3	+2
21	54.00	44.27	+3	−6	57.99	36.57	+4	+1	63.17	32.51	−1	+5	8.18	33.60	−3	−1
22	54.11	43.97	+4	−4	58.14	36.37	+3	+4	63.34	32.47	−2	+4	8.33	33.72	−3	−3
23	54.22	43.68	+4	−1	58.30	36.17	+1	+6	63.51	32.43	−3	+1	8.48	33.85	−2	−5
24	54.33	43.38	+4	+2	58.45	35.98	0	+6	63.68	32.39	−3	−1	8.63	33.99	−1	−6
25	54.45	43.09	+2	+5	58.61	35.79	−2	+5	63.86	32.36	−3	−3	8.77	34.13	0	−6
26	54.56	42.80	+1	+6	58.77	35.61	−3	+3	64.03	32.34	−2	−5	8.92	34.28	+1	−5
27	54.68	42.51	−1	+6	58.93	35.43	−3	0	64.20	32.32	−1	−6	9.06	34.43	+2	−3
28	54.80	42.23	−2	+4	59.09	35.25	−3	−2	64.38	32.31	+1	−6	9.20	34.59	+3	0
29	54.92	41.95	−3	+2	59.25	35.08	−3	−4	64.55	32.30	+2	−4	9.34	34.75	+3	+3
30	55.04	41.66	−3	−1	59.41	34.91	−1	−6	64.72	32.30	+3	−2	9.48	34.92	+1	+6
31	55.17	41.39	−3	−3	59.58	34.75	0	−6	64.90	32.30	+3	+1	9.62	35.09	0	+9
32					59.74	34.59	+1	−5					9.75	35.27	−2	+10

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+81° 34′ 30″	6.825	+6.752	+81° 34′ 40″	6.827	+6.754	+81° 34′ 50″	6.830	+6.756
40	6.827	+6.754	50	6.830	+6.756	60	6.832	+6.758

$\alpha_{1942.0} = 9^h\ 28^m\ 58^s.91$ $\delta_{1942.0} = +81°\ 35'\ 7''.45$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

N†) 30 Hev. Camelopardalis $5^m.34$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		+	in			+	in			+	in			+	in	
	$10^h 24^m$	82° 50′	$0^s.01$	0″.01	$10^h 24^m$	82° 51′	$0^s.01$	0″.01	$10^h 24^m$	82° 51′	$0^s.01$	0″.01	$10^h 24^m$	82° 51′	$0^s.01$	0″.01
1	12.12	58.77	−4	−1	16.50	4.87	+1	−5	17.95	13.60	+3	−3	16.36	22.81	+1	+7
2	12.30	58.89	−3	−3	16.60	5.14	+2	−4	17.95	13.91	+4	0	16.26	23.07	−1	+8
3	12.48	59.01	−2	−4	16.69	5.41	+3	−2	17.94	14.23	+3	+3	16.17	23.32	−2	+7
4	12.65	59.14	0	−5	16.79	5.68	+4	+1	17.94	14.55	+2	+5	16.06	23.57	−4	+4
5	12.82	59.28	+1	−5	16.87	5.96	+3	+4	17.92	14.87	+1	+7	15.96	23.82	−4	+1
6	12.99	59.42	+2	−3	16.96	6.24	+2	+7	17.91	15.18	−1	+8	15.85	24.06	−4	−3
7	13.16	59.56	+3	−1	17.04	6.52	0	+8	17.89	15.50	−3	+6	15.74	24.30	−2	−6
8	13.32	59.71	+3	+3	17.12	6.81	−2	+8	17.87	15.81	−4	+3	15.63	24.53	0	−8
9	13.48	59.87	+2	+6	17.19	7.10	−4	+6	17.84	16.13	−4	0	15.52	24.76	+2	−8
10	13.64	60.03	+1	+8	17.26	7.39	−5	+3	17.81	16.44	−3	−4	15.40	24.98	+4	−7
11	13.80	60.20	−1	+9	17.33	7.69	−4	−1	17.78	16.75	−1	−7	15.28	25.20	+5	−4
12	13.95	60.38	−3	+8	17.39	7.99	−3	−5	17.74	17.06	+1	−8	15.16	25.42	+5	−1
13	14.10	60.56	−4	+5	17.46	8.29	−1	−7	17.70	17.37	+3	−8	15.04	25.63	+4	+2
14	14.25	60.74	−5	+1	17.51	8.59	+2	−8	17.66	17.68	+4	−6	14.91	25.84	+2	+4
15	14.40	60.93	−4	−3	17.57	8.89	+4	−7	17.61	17.99	+5	−3	14.79	26.04	+1	+5
16	14.55	61.13	−2	−6	17.62	9.20	+5	−5	17.57	18.30	+5	0	14.66	26.24	−1	+5
17	14.69	61.33	+1	−8	17.67	9.50	+5	−2	17.51	18.60	+4	+3	14.53	26.43	−3	+5
18	14.83	61.53	+3	−8	17.71	9.81	+4	+1	17.46	18.90	+2	+5	14.40	26.62	−4	+3
19	14.97	61.74	+4	−7	17.75	10.12	+3	+4	17.40	19.20	0	+6	14.26	26.80	−4	+1
20	15.10	61.96	+5	−4	17.79	10.44	+1	+5	17.34	19.49	−2	+5	14.13	26.98	−4	−1
21	15.23	62.18	+5	−1	17.82	10.75	−1	+6	17.27	19.78	−3	+4	13.99	27.15	−3	−3
22	15.36	62.40	+4	+2	17.85	11.07	−2	+5	17.20	20.07	−4	+2	13.85	27.32	−2	−5
23	15.49	62.63	+2	+4	17.87	11.39	−4	+3	17.13	20.36	−4	0	13.72	27.48	0	−5
24	15.62	62.86	0	+5	17.90	11.71	−4	+1	17.05	20.65	−4	−2	13.58	27.64	+2	−4
25	15.74	63.10	−2	+5	17.91	12.03	−4	−1	16.98	20.93	−3	−4	13.44	27.79	+3	−2
26	15.86	63.34	−3	+4	17.93 / 17.94	12.34 / 12.66	−3 / −2	−3 / −5	16.90	21.21	−1	−5	13.29	27.94	+4	+1
27	15.97	63.58	−4	+2	17.95	12.97	0	−5	16.81	21.48	+1	−5	13.15	28.08	+3	+4
28	16.09	63.83	−4	0	17.95	13.29	+2	−5	16.73	21.76	+2	−4	13.00	28.21	+2	+7
29	16.19	64.08	−4	−2	17.95	13.60	+3	−3	16.64	22.02	+3	−1	12.85	28.34	0	+8
30	16.30	64.34	−3	−4					16.55	22.29	+4	+2	12.70	28.46	−2	+8
31	16.40	64.60	−1	−5					16.46	22.55	+3	+5	12.55	28.58	−4	+6
32	16.50	64.87	+1	−5					16.36	22.81	+1	+7				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 50′ 50″	8.031	+7.969	+82° 51′ 0″	8.034	+7.972	+82° 51′ 20″	8.040	+7.978
60	8.034	+7.972	10	8.037	+7.975	30	8.044	+7.981

$\alpha_{1942.0} = 10^h\ 24^m\ 11^s.31$ $\delta_{1942.0} = +82°\ 51'\ 18''.50$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Nf) 30 Hev. Camelopardalis $5^m.34$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		+	in			+	in			+	in			+	in	
	10^h24^m	82° 51′	$0^s.01$	0″.01	10^h24^m	82° 51′	$0^s.01$	0″.01	10^h24^m	82° 51′	$0^s.01$	0″.01	10^h24^m	82° 51′	$0^s.01$	0″.01
1	$12^s.55$	28″.58	−4	+6	$7^s.76$	29″.48	−2	−7	$3^s.75$	25″.32	+4	−8	$1^s.30$	16″.99	+4	+2
2	12.40	28.70	−4	+2	7.61	29.42	+1	−9	3.64	25.11	+5	−6	1.26	16.68	+2	+4
3	12.25	28.81	−4	−2	7.46	29.35	+3	−9	3.53	24.89	+6	−3	1.22	16.36	0	+5
4	12.10	28.91	−3	−6	7.31	29.28	+5	−8	3.43	24.67	+5	0	1.18	16.03	−2	+4
5	11.95	29.01	−1	−8	7.16	29.20	+6	−5	3.32	24.45	+3	+3	1.15	15.71	−3	+3
6	11.80	29.10	+2	−9	7.01	29.11	+5	−1	3.22	24.22	+1	+4	1.11	15.38	−4	+1
7	11.65	29.18	+4	−8	6.87	29.02	+4	+2	3.12	23.99	−1	+5	1.08	15.05	−4	−2
8	11.49	29.26	+5	−6	6.73	28.93	+2	+4	3.02	23.75	−2	+4	1.05	14.72	−3	−4
9	11.33	29.34	+5	−3	6.58	28.83	+1	+5	2.92	23.51	−3	+2	1.03	14.38	−2	−5
10	11.18	29.41	+5	0	6.44	28.72	−1	+5	2.83	23.26	−4	0	1.01	14.05	0	−6
11	11.02	29.47	+3	+3	6.30	28.61	−3	+4	2.73	23.01	−3	−2	0.99	13.71	+1	−5
12	10.86	29.53	+1	+5	6.15	28.50	−4	+2	2.64	22.76	−3	−4	0.97	13.37	+2	−4
13	10.71	29.58	−1	+5	6.01	28.38	−4	0	2.55	22.50	−1	−5	0.95	13.03	+3	−2
14	10.55	29.63	−2	+5	5.87	28.25	−4	−2	2.47	22.24	0	−5	0.94	12.69	+3	+1
15	10.39	29.67	−3	+3	5.74	28.12	−3	−4	2.38	21.97	+1	−5	0.93	12.35	+3	+5
16	10.24	29.70	−4	+2	5.60	27.98	−1	−5	2.30	21.71	+2	−3	0.92	12.01	+1	+7
17	10.08	29.73	−4	−1	5.47	27.84	0	−5	2.22	21.43	+3	0	0.92	11.66	−1	+9
18	9.92	29.76	−3	−3	5.34	27.69	+2	−4	2.14	21.16	+3	+3	0.92	11.31	−3	+8
19	9.77	29.77	−2	−4	5.21	27.53	+3	−2	2.07	20.88	+2	+6	0.92	10.96	−4	+6
20	9.61	29.78	−1	−5	5.08	27.37	+3	+1	2.00	20.60	0	+9	0.92	10.61	−5	+3
21	9.46	29.79	+1	−5	4.95	27.21	+3	+5	1.93	20.32	−2	+9	0.93	10.26	−5	−1
22	9.30	29.79	+2	−3	4.82	27.04	+1	+8	1.86	20.03	−3	+8	0.93	9.91	−3	−4
23	9.15	29.79	+3	0	4.69	26.87	0	+9	1.79	19.74	−5	+6	0.94	9.56	−1	−7
24	8.99	29.78	+3	+3	4.57	26.70	−3	+9	1.73	19.45	−5	+2	0.96	9.21	+2	−8
25	8.84	29.76	+2	+6	4.45	26.51	−4	+7	1.67	19.15	−4	−2	0.97	8.86	+4	−7
26	8.68	29.73	+1	+9	4.33	26.33	−5	+3	1.61	18.85	−2	−6	0.99	8.50	+5	−5
27	8.53	29.70	−1	+9	4.21	26.14	−5	−1	1.55	18.55	+1	−8	1.01	8.14	+5	−2
28	8.37	29.67	−3	+8	4.09	25.94	−3	−5	1.50	18.24	+3	−8	*)1.03	7.79	+4	+1
29	8.22	29.63	−5	+5	3.97	25.74	−1	−8	1.45	17.93	+5	−7	1.06	7.43	+3	+4
30	8.06	29.58	−5	+1	3.86	25.53	+2	−9	1.40	17.62	+5	−4	1.09	7.07	+1	+5
31	7.91	29.53	−4	−3	3.75	25.32	+4	−8	1.35	17.31	+5	−1	1.12	6.71	−1	+5
32	7.76	29.48	−2	−7					1.30	16.99	+4	+2	1.15	6.36	−2	+4

δ		sec δ	tg δ	δ		sec δ	tg δ	δ		sec δ	tg δ
+82° 51′	0″	8.034	+7.972	+82° 51′	10″	8.037	+7.975	+82° 51′	20″	8.040	+7.978
	10	8.037	+7.975		20	8.040	+7.978		30	8.044	+7.981

$\alpha_{1942.0} = 10^h\ 24^m\ 11^s.31$ $\delta_{1942.0} = +82°\ 51'\ 18''.50$

*) Tag der doppelten unteren Kulmination: Aug. 28.

N f) 30 Hev. Camelopardalis $5^m.34$

Tag	September AR.	September Dekl.	September ☾ Glieder in		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder in	
	10^h24^m	+82° 50′	$0^s.01$	0″.01	10^h24^m	+82° 50′	$0^s.01$	0″.01
1	$1^s.15$	66″.36	−2	+4	$3^s.29$	55″.88	−4	−2
2	1.18	66.00	−4	+2	3.40	55.55	−3	−4
3	1.22	65.64	−4	0	3.51	55.22	−2	−5
4	1.26	65.28	−3	−3	3.62	54.90	0	−6
5	1.30	64.93	−3	−5	3.74	54.58	+1	−5
6	1.35	64.57	−1	−6	3.85	54.26	+3	−4
7	1.40	64.22	0	−6	3.98	53.94	+4	−1
8	1.45	63.86	+2	−5	4.10	53.63	+3	+2
9	1.50	63.50	+3	−3	4.22	53.32	+3	+5
10	1.56	63.14	+4	0	4.35	53.00	+1	+8
11	1.61	62.79	+3	+3	4.47	52.70	−1	+9
12	1.67	62.43	+2	+6	4.60	52.39	−3	+7
13	1.74	62.08	0	+8	4.74	52.09	−4	+5
14	1.80	61.72	−2	+8	4.87	51.79	−5	+1
15	1.87	61.37	−3	+7	5.01	51.50	−4	−3
16	1.94	61.02	−5	+4	5.15	51.21	−2	−6
17	2.01	60.67	−5	0	5.29	50.92	0	−8
18	2.09	60.32	−4	−3	5.44	50.64	+2	−8
19	2.17	59.97	−2	−6	5.59	50.35	+4	−7
20	2.25	59.62	+1	−8	5.73	50.07	+5	−4
21	2.33	59.27	+3	−7	5.88	49.79	+5	−1
22	2.41	58.92	+4	−6	6.03	49.52	+4	+2
23	2.50	58.58	+5	−3	6.19	49.25	+2	+5
24	2.59	58.23	+5	+1	6.34	48.99	0	+5
25	2.68	57.89	+3	+3	6.50	48.73	−2	+5
26	2.78	57.55	+2	+5	6.66	48.47	−3	+4
27	2.88	57.22	0	+6	6.82	48.22	−4	+2
28	2.98	56.88	−2	+5	6.98	47.97	−4	0
29	3.08	56.54	−3	+3	7.14	47.72	−3	−3
30	3.18	56.21	−4	+1	7.30	47.48	−3	−5
31	3.29	55.88	−4	−2	7.47	47.24	−1	−5
32					7.64	47.00	+1	−5

Tag	November AR.	November Dekl.	November ☾ Glieder in		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder in	
	10^h24^m	+82° 50′	$0^s.01$	0″.01	10^h24^m	+82° 50′	$0^s.01$	0″.01
1	$7^s.64$	47″.00	+1	−5	$13^s.27$	42″.32	+3	0
2	7.81	46.78	+2	−4	13.47	42.25	+3	+3
3	7.98	46.55	+3	−2	13.67	42.18	+2	+7
4	8.15	46.33	+3	+1	13.87	42.12	0	+9
5	8.32	46.12	+3	+5	14.06	42.07	−2	+10
6	8.50	45.91	+2	+7	14.26	42.02	−4	+8
7	8.68	45.71	0	+9	14.46	41.98	−5	+5
8	8.86	45.51	−2	+9	14.66	41.94	−5	+1
9	9.03	45.31	−4	+7	14.86	41.91	−4	−3
10	9.22	45.12	−5	+3	15.06	41.89	−2	−7
11	9.40	44.93	−4	−1	15.26	41.87	+1	−9
12	9.58	44.75	−3	−5	15.46	41.86	+3	−9
13	9.77	44.57	−1	−8	15.66	41.85	+5	−7
14	9.96	44.40	+2	−9	15.85	41.85	+6	−4
15	10.14	44.24	+4	−8	16.04	41.86	+5	−1
16	10.34	44.08	+5	−6	16.24	41.88	+4	+2
17	10.53	43.92	+5	−2	16.43	41.90	+2	+4
18	10.72	43.77	+5	+1	16.62	41.92	0	+5
19	10.91	43.62	+3	+3	16.82	41.95	−2	+4
20	11.10	43.48	+1	+5	17.01	41.99	−3	+3
21	11.29	43.35	−1	+5	17.20	42.03	−3	+1
22	11.49	43.22	−2	+4	17.39	42.08	−3	−2
23	11.68	43.09	−3	+2	17.58	42.14	−3	−4
24	11.88	42.98	−4	0	17.77	42.20	−2	−5
25	12.07	42.86	−4	−2	17.96	42.27	0	−6
26	12.27	42.76	−3	−4	18.14	42.35	+1	−5
27	12.47	42.66	−2	−5	18.33	42.43	+2	−4
28	12.67	42.57	0	−6	18.52	42.52	+3	−1
29	12.87	42.48	+1	−5	18.70	42.61	+3	+2
30	13.07	42.39	+3	−3	18.88	42.71	+3	+5
31	13.27	42.32	+3	0	19.06	42.82	+1	+8
32					19.24	42.93	−1	+10

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 50′ 40″	8.028	+7.966	+82° 50′ 50″	8.031	+7.969	+82° 51′ 0″	8.034	+7.972
50	8.031	+7.969	60	8.034	+7.972	10	8.037	+7.975

$\alpha_{1942.0} = 10^h\ 24^m\ 11^s.31$ $\delta_{1942.0} = +82°\ 51'\ 18''.50$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Ng) ε Ursae minoris $4^{m}.40$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		+	in			+	in			+	in			+	in	
	16^h51^m	82° 8′	$0^s.01$	$0''.01$	16^h51^m	82° 7′	$0^s.01$	$0''.01$	16^h51^m	82° 7′	$0^s.01$	$0''.01$	16^h51^m	82° 7′	$0^s.01$	$0''.01$
1	40.32	9.12	0	+7	43.41	60.28	−2	0	47.69	56.64	−2	−2	52.57	58.53	+2	−6
2	40.38	8.78	−1	+6	43.54	60.07	−1	−3	47.86	56.60	−1	−5	52.71	58.69	+2	−4
3	40.44	8.44	−2	+4	43.68	59.86	0	−5	48.02	56.57	0	−6	52.85	58.86	+3	−1
4	40.50	8.10	−2	+2	43.82	59.66	+1	−6	48.19	56.55	+1	−7	52.99	59.03	+2	+3
5	40.57	7.77	−2	−1	43.96	59.47	+2	−6	48.35	56.53	+2	−5	53.13	59.20	+1	+5
6	40.64	7.44	−1	−4	44.10	59.28	+2	−4	48.52	56.52	+3	−3	53.26	59.38	0	+7
7	40.71	7.12	0	−6	44.25	59.09	+3	−1	48.68	56.52	+2	+1	53.39	59.57	−1	+7
8	40.79	6.80	+1	−7	44.39	58.92	+2	+2	48.84	56.52	+2	+4	53.52	59.76	−2	+5
9	40.87	6.48	+2	−6	44.54	58.74	+2	+5	49.01	56.53	+1	+6	53.65	59.95	−3	+2
10	40.95	6.17	+3	−3	44.69	58.58	+1	+7	49.17	56.55	−1	+7	53.78	60.15	−3	−2
11	41.04	5.86	+3	0	44.84	58.42	−1	+7	49.33	56.57	−2	+6	53.91	60.36	−2	−5
12	41.13	5.56	+2	+4	44.99	58.26	−2	+6	49.50	56.60	−2	+4	54.03	60.57	−1	−7
13	41.22	5.25	+1	+6	45.14	58.12	−3	+3	49.66	56.64	−3	0	54.15	60.78	0	−8
14	41.31	4.95	0	+8	45.30	57.97	−3	−1	49.82	56.68	−3	−3	54.27	61.00	+1	−7
15	41.41	4.65	−1	+7	45.45	57.84	−2	−4	49.98	56.73	−2	−6	54.39	61.23	+1	−5
16	41.51	4.36	−2	+5	45.61	57.71	−1	−7	50.15	56.79	−1	−7	54.51	61.45	+2	−2
17	41.61	4.07	−3	+1	45.76	57.59	0	−8	50.31	56.85	0	−8	54.62	61.69	+2	+1
18	41.71	3.79	−3	−3	45.92	57.47	+1	−8	50.46	56.92	+1	−6	54.73	61.92	+2	+4
19	41.82	3.51	−2	−6	46.08	57.37	+1	−6	50.62	56.99	+2	−4	54.84	62.16	+1	+6
20	41.92	3.23	−1	−8	46.24	57.26	+2	−3	50.78	57.07	+2	−1	54.94	62.41	0	+7
21	42.04	2.96	0	−8	46.40	57.17	+2	0	50.93	57.16	+2	+2	55.04	62.66	−1	+7
22	42.15	2.69	+1	−7	46.56	57.08	+2	+3	51.09	57.26	+1	+5	55.14	62.91	−1	+6
23	42.26	2.43	+1	−4	46.72	57.00	+1	+5	51.24	57.36	+1	+6	55.24	63.17	−2	+4
24	42.38	2.17	+2	−2	46.88	56.92	0	+7	51.39	57.47	0	+7	55.34	63.42	−2	+1
25	42.50	1.91	+2	+1	47.04	56.85	−1	+7	51.54	57.58	−1	+7	55.43	63.69	−1	−2
26	42.62	1.66	+1	+4	47.21	56.79	−1	+6	51.69	57.70	−1	+5	55.52	63.95	0	−5
27	42.75	1.42	+1	+6	47.37	56.73	−2	+4	51.84	57.82	−2	+3	55.61	64.22	+1	−6
28	42.87	1.18	0	+7	47.53	56.68	−2	+1	51.99	57.95	−2	0	55.70	64.49	+2	−7
29	43.00	0.95	−1	+7	47.69	56.64	−2	−2	52.14	58.09	−1	−3	55.78	64.77	+3	−5
30	43.14	0.72	−1	+5					52.28	58.23	0	−6	55.87	65.05	+3	−2
31	43.27	0.50	−2	+3					52.42	58.38	+1	−7	55.94	65.33	+3	+2
32	43.41	0.28	−2	0					52.57	58.53	+2	−6				

δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 7′ 50″	7.304	+7.235	+82° 8′ 0″	7.306	+7.238
60	7.306	+7.238	10	7.309	+7.240

$\alpha_{1942.0} = 16^h\ 51^m\ 50^s.14$ $\delta_{1942.0} = +82°\ 8'\ 8''.81$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Ng) ε Ursae minoris $4^m.40$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	16^h51^m	+82° 8′	in $0^s.01$	in $0''.01$	16^h51^m	+82° 8′	in $0^s.01$	in $0''.01$	16^h51^m	+82° 8′	in $0^s.01$	in $0''.01$	16^h51^m	+82° 8′	in $0^s.01$	in $0''.01$
1	55.94	5.33	+3	+2	57.06	14.97	−2	+7	55.55	24.26	−3	−5	51.82	30.79	+1	−7
2	56.02	5.62	+2	+5	57.05	15.29	−3	+5	55.46	24.52	−2	−8	51.68	30.93	+2	−4
3	56.09	5.91	+1	+7	57.04	15.61	−3	+1	55.37	24.79	−1	−9	51.53	31.07	+2	−1
4	56.17	6.20	−1	+7	57.03	15.93	−3	−3	55.27	25.04	0	−8	51.38	31.21	+1	+2
5	56.23	6.49	−2	+6	57.01 56.99	16.25 16.56	−2 −1	+6 +8	55.18	25.30	+1	−6	51.23	31.34	+1	+5
6	56.30	6.78	−3	+3	56.97	16.88	0	−8	55.08	25.55	+2	−3	51.07	31.46	0	+6
7	56.36	7.08	−3	−1	56.94	17.19	+1	−7	54.98	25.80	+2	0	50.92	31.58	−1	+7
8	56.42	7.38	−3	−4	56.91	17.51	+1	−5	54.88	26.04	+1	+3	50.76	31.70	−1	+6
9	56.48	7.68	−2	−7	56.88	17.82	+2	−2	54.77	26.28	+1	+5	50.60	31.81	−2	+4
10	56.54	7.99	−1	−8	56.84	18.13	+1	+1	54.66	26.52	0	+6	50.44	31.92	−2	+2
11	56.59	8.30	0	−8	56.80	18.44	+1	+4	54.55	26.76	−1	+7	50.28	32.02	−2	−1
12	56.64	8.61	+1	−6	56.77	18.75	0	+6	54.44	26.99	−1	+6	50.12	32.12	−1	−3
13	56.69	8.92	+2	−3	56.73	19.06	0	+7	54.32	27.22	−2	+4	49.96	32.22	0	−5
14	56.74	9.23	+2	0	56.68	19.37	−1	+6	54.21	27.44	−2	+1	49.79	32.30	+1	−6
15	56.78	9.54	+1	+3	56.63	19.67	−1	+5	54.09	27.66	−1	−1	49.63	32.39	+2	−6
16	56.82	9.86	+1	+5	56.58	19.98	−2	+3	53.97	27.88	−1	−4	49.46	32.47	+3	−4
17	56.86	10.17	0	+6	56.53	20.28	−2	0	53.85	28.09	0	−6	49.30	32.54	+3	−1
18	56.89	10.49	0	+7	56.48	20.58	−1	−2	53.72	28.30	+1	−6	49.13	32.61	+3	+2
19	56.92	10.80	−1	+6	56.42	20.87	0	−5	53.60	28.50	+2	−5	48.96	32.67	+2	+6
20	56.95	11.12	−2	+5	56.36	21.17	+1	−6	53.47	28.70	+3	−3	48.79	32.73	+1	+7
21	56.97	11.44	−2	+2	56.30	21.46	+2	−6	53.34	28.90	+3	0	48.63	32.78	−1	+8
22	56.99	11.76	−1	−1	56.24	21.76	+3	−5	53.21	29.09	+3	+4	48.46	32.83	−2	+6
23	57.01	12.08	−1	−3	56.17	22.04	+3	−2	53.08	29.28	+2	+7	48.29	32.88	−2	+3
24	57.03	12.40	0	−6	56.10	22.33	+3	+2	52.95	29.46	0	+8	48.12	32.91	−3	−1
25	57.05	12.73	+1	−7	56.03	22.61	+2	+5	52.81	29.64	−1	+7	47.95	32.95	−2	−5
26	57.06	13.05	+2	−6	55.95	22.89	+1	+7	52.68	29.82	−2	+5	47.77	32.98	−1	−7
27	57.07	13.37	+3	−4	55.88	23.17	−1	+8	52.54	29.99	−3	+1	47.60	33.00	0	−8
28	57.07	13.69	+3	0	55.80	23.45	−2	+6	52.40	30.16	−3	−3	47.43	33.02	+1	−8
29	57.08	14.01	+2	+3	55.72	23.72	−3	+3	52.25	30.32	−2	−6	47.25	33.03	+2	−6
30	57.07	14.33	+1	+6	55.63	23.99	−3	−1	52.11	30.48	−1	−8	47.08	33.04	+2	−2
31	57.07	14.65	0	+8	55.55	24.26	−3	−5	51.97	30.64	0	−8	46.90	33.04	+2	+1
32	57.06	14.97	−2	+7					51.82	30.79	+1	−7	64.73	33.04	+1	+4

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 7′ 0″	7.306	+7.238	+82° 8′ 20″	7.311	+7.243	+82° 8′ 30″	7.314	+7.245
10	7.309	+7.240	30	7.314	+7.245	40	7.317	+7.248

$\alpha_{1942.0} = 16^h\ 51^m\ 50^s.14$ $\qquad$ $\delta_{1942.0} = +82°\ 8'\ 8''.81$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Ng) ε Ursae minoris $4^m.40$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
		+	in			+	in			+	in			+	in	
	$16^h 51^m$	82° 8′	$0^s.01$	$0''.01$	$16^h 51^m$	82° 8	$0^s.01$	$0''.01$	$16^h 51^m$	82° 8′	$0^s.01$	$0''.01$	$16^h 51^m$	82° 8′	$0^s.01$	$0''.01$
1	46.73	33.04	+1	+4	41.53	30.67	−1	+7	37.04	23.76	−2	0	34.66	13.91	0	−6
2	46.55	33.04	0	+6	41.36	30.52	−1	+6	36.93	23.47	−1	−3	34.63	13.55	+1	−7
3	46.38	33.02	0	+7	41.20	30.36	−2	+4	36.81	23.18	0	−5	34.59	13.19	+2	−5
4	46.20	33.01	−1	+7	41.03	30.19	−2	+2	36.70	22.89	+1	−6	*) 34.57	12.83	+3	−3
5	46.03	32.99	−2	+5	40.87	30.02	−2	−1	36.60	22.59	+2	−6	34.54	12.47	+3	+1
6	45.85	32.96	−2	+3	40.71	29.85	−1	−4	36.49	22.29	+3	−5	34.52	12.10	+3	+4
7	45.68	32.93	−2	0	40.55	29.67	0	−6	36.39	21.99	+3	−2	34.50	11.74	+1	+7
8	45.50	32.89	−1	−3	40.39	29.48	+1	−7	36.29	21.69	+3	+2	34.48	11.57	0	+8
9	45.32	32.85	−1	−5	40.23	29.29	+2	−6	36.19	21.38	+2	+5	34.46	11.01	−1	+7
10	45.15	32.80	0	−6	40.07	29.10	+3	−4	36.09	21.07	+1	+7	34.45	10.64	−3	+5
11	44.97	32.75	+1	−6	39.92	28.91	+3	0	35.99	20.75	−1	+8	34.44	10.28	−3	+1
12	44.79	32.70	+2	−5	39.76	28.71	+2	+3	35.90	20.43	−2	+6	34.44	9.91	−3	−3
13	44.62	32.63	+3	−2	39.61	28.50	+1	+6	35.81	20.11	−3	+3	34.43	9.55	−2	−6
14	44.44	32.57	+3	+1	39.46	28.29	0	+7	35.72	19.79	−3	0	34.44	9.18	−1	−8
15	44.26	32.50	+2	+4	39.31	28.07	−1	+7	35.64	19.46	−3	−4	34.44	8.82	0	−9
16	44.09	32.42	+1	+7	39.17	27.85	−2	+5	35.56	19.13	−2	−7	34.45	8.45	+1	−7
17	43.91	32.34	0	+8	39.02	27.62	−3	+2	35.48	18.79	0	−8	34.46	8.09	+2	−4
18	43.74	32.25	−1	+7	38.88	27.39	−3	−2	35.40	18.46	+1	−8	34.47	7.73	+2	−1
19	43.56	32.16	−2	+4	38.74	27.16	−2	−5	35.32	18.12	+1	−6	34.49	7.36	+1	+2
20	43.39	32.06	−3	0	38.59	26.92	−1	−8	35.25	17.78	+2	−3	34.50	7.00	+1	+5
21	43.22	31.96	−3	−3	38.46	26.68	0	−8	35.18	17.44	+2	0	34.53	6.64	0	+6
22	43.04	31.86	−2	−6	38.32	26.43	+1	−7	35.12	17.10	+1	+3	34.55	6.28	−1	+6
23	42.87	31.74	−1	−8	38.18	26.18	+2	−5	35.05	16.75	+1	+5	34.58	5.92	−1	+6
24	42.70	31.63	0	−8	38.05	25.93	+2	−2	35.00	16.40	0	+6	34.61	5.57	−2	+4
25	42.53	31.51	+1	−6	37.92	25.67	+2	+1	34.94	16.05	−1	+7	34.65	5.21	−2	+2
26	42.36	31.38	+2	−4	37.78	25.41	+1	+4	34.89	15.70	−1	+6	34.69	4.85	−2	0
27	42.20	31.25	+2	−1	37.66	25.14	0	+6	34.84	15.34	−2	+4	34.73	4.50	−1	−3
28	42.03	31.11	+1	+3	37.53	24.87	0	+7	34.79	14.98	−2	+1	34.77	4.15	0	−5
29	41.86	30.97	+1	+5	37.40	24.60	−1	+7	34.74	14.63	−1	−1	34.82	3.80	+1	−6
30	41.69	30.82	0	+6	37.28	24.32	−2	+5	34.70	14.27	−1	−4	34.87	3.45	+2	−6
31	41.53	30.67	−1	+7	37.16	24.04	−2	+3	34.66	13.91	0	−6	34.93	3.11	+3	−4
32					37.04	23.76	−2	0					34.98	2.77	+3	−1

δ		sec δ	tg δ	δ		sec δ	tg δ	δ		sec δ	tg δ
+82° 8′	0″	7.306	+7.238	+82° 8′	20″	7.311	+7.243	+82° 8′	30″	7.314	+7.245
	10	7.309	+7.240		30	7.314	+7.245		40	7.317	+7.248

$\alpha_{1942.0} = 16^h\ 51^m\ 50^s.14$ $\delta_{1942.0} = +82°\ 8'\ 8''.81$

*) Tag der doppelten unteren Kulmination: Dez. 4.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Nh) δ Ursae minoris $4^{m}.44$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	$17^{h}50^{m}$	+86° 36′	in $0^{s}.01$	in $0''.01$	$17^{h}50^{m}$	+86° 36′	in $0^{s}.01$	in $0''.01$	$17^{h}50^{m}$	+86° 36′	in $0^{s}.01$	in $0''.01$	$17^{h}50^{m}$	+86° 36′	in $0^{s}.01$	in $0''.01$
1	$32^{s}.29$	$47''.02$	+1	+7	$36^{s}.45$	$37''.26$	−5	+1	44.86	$31''.75$	−5	−1	$56^{s}.14$	$31''.18$	+3	−7
2	32.32	46.67	−1	+7	36.69	36.99	−5	−2	45.22	31.64	−4	−4	56.49	31.26	+6	−6
3	32.36	46.32	−3	+5	36.93	36.73	−3	−5	45.57	31.53	−2	−6	56.84	31.35	+7	−3
4	32.40	45.98	−4	+3	37.17	36.47	−1	−7	45.92	31.43	+1	−7	57.19	31.44	+7	+1
5	32.45	45.64	−5	0	37.43	36.22	+2	−7	46.28	31.33	+4	−7	57.54	31.54	+5	+4
6	32.51	45.30	−4	−3	37.69	35.98	+5	−6	46.64	31.24	+6	−4	57.88	31.65	+2	+7
7	32.57	44.96	−2	−6	37.95	35.73	+7	−3	47.00	31.16	+7	−1	58.22	31.76	−2	+8
8	32.64	44.63	+1	−7	38.22	35.50	+8	0	47.36	31.08	+7	+2	58.56	31.87	−5	+6
9	32.72	44.29	+4	−7	38.50	35.27	+7	+4	47.73	31.01	+5	+5	58.90	32.00	−8	+4
10	32.81	43.96	+7	−5	38.78	35.04	+4	+6	48.09	30.95	+1	+7	59.23	32.12	−9	0
11	32.91	43.63	+8	−2	39.07	34.82	0	+8	48.46	30.89	−2	+7	59.56	32.26	−8	−3
12	33.01	43.30	+8	+2	39.36	34.60	−3	+7	48.83	30.84	−6	+5	59.89	32.40	−6	−6
13	33.12	42.97	+6	+5	39.65	34.39	−6	+4	49.20	30.80	−8	+2	60.21	32.55	−3	−7
14	33.24	42.64	+3	+7	39.95	34.18	−8	+1	49.57	30.76	−8	−1	60.53	32.70	0	−7
15	33.36	42.32	−1	+8	40.25	33.98	−8	−3	49.94	30.73	−7	−4	60.85	32.85	+3	−6
16	33.49	42.00	−5	+6	40.56	33.78	−7	−5	50.31	30.71	−5	−7	61.16	33.01	+5	−3
17	33.63	41.68	−8	+3	40.87	33.59	−4	−7	50.68	30.69	−2	−7	61.47	33.18	+6	−1
18	33.77	41.36	−9	0	41.18	33.41	−1	−7	51.04	30.68	+1	−7	61.77	33.35	+5	+2
19	33.92	41.05	−8	−4	41.50	33.23	+2	−6	51.41	30.67	+4	−5	62.08	33.53	+4	+5
20	34.08	40.73	−6	−7	41.82	33.06	+4	−4	51.78	30.67	+5	−2	62.37	33.71	+3	+6
21	34.24	40.43	−3	−7	42.15	32.89	+5	−1	52.15	30.68	+6	+1	62.67	33.90	+1	+7
22	34.41	40.12	0	−7	42.48	32.72	+5	+2	52.51	30.70	+5	+3	62.96	34.09	−1	+7
23	34.58	39.81	+3	−5	42.81	32.56	+4	+4	52.88	30.72	+4	+6	63.25	34.29	−3	+5
24	34.76	39.51	+5	−3	43.15	32.41	+3	+6	53.25	30.74	+2	+7	63.53	34.49	−4	+2
25	34.95	39.22	+5	0	43.49	32.27	+1	+7	53.62	30.77	0	+7	63.81	34.70	−4	−1
26	35.15	38.92	+5	+3	43.83	32.13	−1	+7	53.98	30.81	−2	+6	64.08	34.91	−3	−4
27	35.35	38.63	+4	+5	44.17	31.99	−3	+5	54.35	30.86	−4	+4	64.34	35.12	−1	−7
28	35.55	38.35	+2	+7	44.52	31.87	−5	+2	54.71	30.91	−5	+1	64.61	35.34	+2	−7
29	35.77	38.07	0	+7	44.86	31.75	−5	−1	55.07	30.96	−4	−2	64.86	35.56	+5	−7
30	35.99	37.80	−2	+6					55.43	31.03	−2	−5	65.11	35.79	+7	+4
31	36.22	37.53	−4	+4					55.78	31.10	0	+7	65.36	36.02	+8	+1
32	36.45	37.26	−5	+1					56.14	31.18	+3	+7				

δ	sec δ	tg δ
+86° 36′ 30″	16.903	+16.873
40	16.917	+16.887

δ	sec δ	tg δ
+86° 36′ 40″	16.917	+16.887
50	16.931	+16.901

$\alpha_{1942.0} = 17^{h}\ 50^{m}\ 53^{s}.92$ $\delta_{1942.0} = +86°\ 36'\ 41''.68$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Nh) δ Ursae minoris $4^m\!.44$

Tag	Mai AR.	Mai Dekl.	Mai ℄ Glieder		Juni AR.	Juni Dekl.	Juni ℄ Glieder		Juli AR.	Juli Dekl.	Juli ℄ Glieder		August AR.	August Dekl.	August ℄ Glieder	
		+	in			+	in			+	in			+	in	
	$17^h 51^m$	86° 36′	0.01 s	0.01″	$17^h 51^m$	86° 36′	0.01 s	0.01″	$17^h 51^m$	86° 36′	0.01 s	0.01″	$17^h 50^m$	86° 37′	0.01 s	0.01″
	s	″			s	″			s	″			s	″		
1	5.36	36.02	+8	−1	10.17	44.71	−2	+8	8.92	54.42	−9	−3	61.98	2.61	0	−7
2	5.60	36.26	+7	+3	10.23	45.02	−6	+6	8.78	54.72	−8	−6	61.67	2.82	+3	−5
3	5.84	36.50	+4	+6	10.28	45.33	−9	+3	8.64	55.02	−5	−8	61.37	3.04	+4	−2
4	6.07	36.74	0	+7	10.32	45.65	−10	−1	8.48	55.31	−1	−8	61.05	3.25	+5	+1
5	6.30	36.99	−4	+7	10.36	45.96	−9	−4	8.32	55.61	+1	−6	60.74	3.45	+4	+4
6	6.52	37.24	−8	+5	10.39	46.28	−6	−7	8.16	55.90	+4	−4	60.42	3.65	+2	+6
7	6.73	37.49	−9	+1	10.41	46.59	−3	−7	7.99	56.19	+5	−1	60.09	3.84	0	+7
8	6.94	37.75	−9	−2	10.43	46.91	0	−7	7.81	56.48	+4	+2	59.76	4.03	−2	+7
9	7.15	38.01	−7	−5	10.44	47.23	+3	−5	7.63	56.77	+3	+5	59.43	4.22	−4	+6
10	7.34	38.27	−5	−7	10.44	47.55	+4	−2	7.44	57.05	+2	+6	59.09	4.41	−5	+3
11	7.53	38.54	−1	−7	10.44	47.87	+5	0	7.25	57.33	0	+7	58.75	4.59	−5	+1
12	7.72	38.81	+1	−6	10.43	48.19	+4	+3	7.05	57.61	−2	+6	58.41	4.76	−4	−2
13	7.90	39.08	+4	−4	10.42	48.50	+3	+5	6.85	57.89	−4	+5	58.06	4.94	−3	−5
14	8.08	39.36	+5	−2	10.40	48.82	+2	+6	6.64	58.16	−5	+2	57.71	5.11	0	−7
15	8.25	39.64	+5	+1	10.37	49.14	0	+7	6.42	58.43	−5	0	57.35	5.27	+3	−7
16	8.42	39.92	+5	+4	10.34	49.45	−2	+6	6.20	58.70	−4	−3	57.00	5.43	+6	−6
17	8.57	40.20	+3	+6	10.30	49.77	−4	+4	5.98	58.97	−1	−6	56.63	5.58	+8	−3
18	8.72	40.49	+1	+7	10.25	50.09	−4	+1	5.74	59.23	+2	−7	56.27	5.73	+9	0
19	8.87	40.78	−1	+7	10.20	50.40	−4	−1	5.50	59.49	+5	−7	55.90	5.88	+7	+4
20	9.01	41.07	−3	+6	{10.14 {10.07	50.72 51.03	−2 0	−4} −6}	5.26	59.75	+8	−5	55.53	6.03	+5	+7
21	9.14	41.36	−4	+3	10.00	51.35	+3	−7	5.01	60.01	+9	−2	55.15	6.17	+1	+8
22	9.26	41.66	−4	0	9.92	51.66	+6	−6	4.76	60.26	+9	+2	54.78	6.31	−3	+7
23	9.38	41.96	−3	−3	9.84	51.98	+8	−4	4.51	60.51	+7	+5	54.40	6.44	−6	+5
24	9.50	42.25	−1	−6	9.75	52.29	+9	0	4.25	60.76	+3	+7	54.01	6.56	−8	+1
25	9.60	42.56	+1	−7	9.65	52.60	+8	+3	3.98	61.00	−1	+8	53.63	6.69	−8	−3
26	9.70	42.86	+4	−7	9.54	52.91	+5	+7	3.71	61.24	−5	+6	53.24	6.80	−6	−6
27	9.80	43.16	+7	−5	9.43	53.21	+1	+8	3.43	61.47	−8	+3	52.85	6.91	−3	−8
28	9.89	43.47	+9	−2	9.32	53.52	−3	+7	3.15	61.71	−9	−1	52.46	7.02	0	−8
29	9.97	43.78	+8	+2	9.19	53.82	−7	+5	2.86	61.93	−8	−4	52.06	7.12	+2	−6
30	10.04	44.08	+6	+5	9.06	54.12	−9	+1	2.57	62.16	−6	−7	51.66	7.22	+4	−4
31	10.11	44.40	+2	+7	8.92	54.42	−9	−3	2.28	62.39	−3	−8	51.26	7.32	+5	0
32	10.17	44.71	−2	+8					1.98	62.61	0	−7	50.86	7.41	+4	+3

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+86° 36′ 30″	16.903	+16.873	+86° 36′ 40″	16.917	+16.887	+86° 37′ 0″	16.945	+16.915
40	16.917	+16.887	50	16.931	+16.901	10	16.958	+16.929

$\alpha_{1942.0} = 17^h\ 50^m\ 53^s\!.92$ $\delta_{1942.0} = +86°\ 36'\ 41''\!.68$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Nh) δ Ursae minoris $4^{m}.44$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$17^{h}50^{m}$	+86° 37′	in $0^{s}.01$	in $0''.01$	$17^{h}50^{m}$	+86° 37′	in $0^{s}.01$	in $0''.01$	$17^{h}50^{m}$	+86° 36′	in $0^{s}.01$	in $0''.01$	$17^{h}50^{m}$	+86° 36′	in $0^{s}.01$	in $0''.01$
1	$50^{s}.86$	$7''.41$	+4	+3	$38^{s}.30$	$7''.85$	0	+7	$26^{s}.09$	$63''.66$	−5	+1	$17^{s}.72$	$55''.70$	−1	−6
2	50.46	7.49	+3	+5	37.88	7.79	−2	+7	25.74	63.45	−4	−2	17.53	55.38	+2	−7
3	50.05	7.57	+1	+7	37.46	7.72	−4	+5	25.40	63.24	−3	−5	17.35	55.06	+5	−7
4	49.65	7.65	−1	+7	37.04	7.65	−5	+3	25.06	63.02	0	−7	17.17	54.74	+8	−5
5	49.24	7.72	−3	+6	36.63	7.57	−5	0	24.73	62.80	+3	−7	16.99	54.42	+9	−2
6	48.83	7.78	−4	+4	36.21	7.49	−4	−3	24.40	62.57	+6	−6	16.83	54.09	+9	+2
7	48.41	7.84	−5	+2	35.79	7.40	−2	−6	24.07	62.34	+8	−4	16.67	53.76	+7	+5
8	48.00	7.90	−5	−1	35.38	7.31	+1	−7	23.75	62.11	+9	0	16.51	53.43	+3	+8
9	47.59	7.95	−4	−4	34.97	7.21	+4	−7	23.43	61.87	+7	+3	16.37	53.10	−1	+8
10	47.17	8.00	−1	−6	34.55	7.11	+6	−5	23.11	61.63	+4	+6	16.23	52.77	−5	+6
11	46.75	8.04	+2	−7	34.15	7.01	+8	−2	22.80	61.38	+1	+8	16.09	52.43	−8	+3
12	46.34	8.08	+5	−6	33.74	6.90	+8	+1	22.50	61.13	−3	+7	15.97	52.10	−9	−1
13	45.92	8.11	+7	−4	33.33	6.78	+6	+5	22.20	60.88	−7	+5	15.85	51.76	−8	−4
14	45.50	8.14	+8	−1	32.93	6.66	+3	+7	21.90	60.62	−9	+2	15.74	51.42	−6	−7
15	45.08	8.16	+7	+3	32.53	6.53	−1	+8	21.61	60.36	−9	−2	15.63	51.08	−3	−8
16	44.66	8.17	+5	+6	32.12	6.40	−5	+6	21.33	60.09	−7	−5	15.54	50.74	0	−7
17	44.23	8.18	+2	+7	31.73	6.26	−7	+4	21.05	59.82	−4	−7	15.45	50.39	+3	−5
18	43.81	8.19	−2	+7	31.33	6.12	−8	0	20.77	59.55	−1	−8	15.37	50.04	+4	−2
19	43.38	8.19	−5	+5	30.93	5.98	−8	−3	20.50	59.27	+2	−6	*)15.29	49.69	+4	+1
20	42.96	8.19	−7	+2	30.54	5.83	−6	−6	20.24	58.99	+4	−4	15.22	49.33	+4	+4
21	42.53	8.19	−8	−1	30.15	5.68	−3	−7	19.98	58.71	+5	−1	15.16	48.98	+2	+6
22	42.11	8.18	−7	−5	29.77	5.52	0	−7	19.73	58.42	+5	+2	15.11	48.64	0	+7
23	41.69	8.16	−4	−7	29.39	5.35	+3	−6	19.49	58.13	+4	+5	15.06	48.29	−2	+6
24	41.26	8.14	−1	−8	29.01	5.19	+5	−3	19.25	57.84	+2	+6	15.02	47.94	−4	+5
25	40.84	8.11	+2	−7	28.63	5.01	+5	0	19.01	57.54	0	+7	14.99	47.60	−5	+3
26	40.42	8.08	+4	−5	28.26	4.83	+5	+3	18.78	57.24	−2	+6	14.97	47.25	−5	+1
27	39.99	8.04	+5	−2	27.89	4.65	+3	+5	18.56	56.94	−4	+5	14.95	46.91	−4	−2
28	39.57	8.00	+5	+1	27.53	4.46	+1	+7	18.34	56.63	−5	+3	14.94	46.56	−2	−5
29	39.15	7.95	+4	+4	27.16	4.27	−1	+7	18.13	56.33	−5	0	14.94	46.21	+1	−7
30	38.72	7.90	+2	+6	26.80	4.07	−3	+6	17.92	56.01	−3	−3	14.94	45.86	+4	−7
31	38.30	7.85	0	+7	26.45	3.87	−4	+4	17.72	55.70	−1	−6	14.95	45.51	+7	−6
32					26.09	3.66	−5	+1					14.97	45.16	+9	−3

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+86° 36′ 40″	16.917	+16.887	+86° 36′ 50″	16.931	+16.901	+86° 37′ 0″	16.945	+16.915
50	16.931	+16.901	60	16.945	+16.915	10	16.958	+16.929

$\alpha_{1942.0} = 17^{h}\ 50^{m}\ 53^{s}.92$ $\delta_{1942.0} = +86°\ 36'\ 51''.68$

*) Tag der doppelten unteren Kulmination: Dez. 19.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Ni) λ Ursae minoris 6ᵐ.55

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$18^h 30^m$	+ 89° 2′	in 0.01 s	in 0.01″	$18^h 30^m$	+ 89° 2′	in 0.01 s	in 0.01″	$18^h 30^m$	+ 89° 2′	in 0.01 s	in 0.01″	$18^h 31^m$	+ 89° 2′	in 0.01 s	in 0.01″
1	25.69	53.62	+10	+6	32.91	43.56	−18	+2	58.10	36.95	−20	0	36.62	34.67	+7	−7
2	25.54	53.28	+1	+7	33.54	43.27	−20	−1	59.23	36.79	−18	−3	37.90	34.70	+18	−6
3	25.41	52.94	−7	+6	34.20	42.98	−15	−4	60.38	36.63	−11	−6	39.17	34.73	+26	−4
4	25.30	52.61	−14	+4	34.88	42.69	−7	−6	61.54	36.48	−1	−7	40.44	34.77	+28	0
5	25.23	52.27	−18	+1	35.58	42.41	+5	−7	62.71	36.33	+11	−7	41.71	34.81	+23	+3
6	25.18	51.94	−17	−2	36.30	42.13	+17	−7	63.89	36.19	+22	−6	42.97	34.86	+13	+6
7	25.15	51.60	−12	−5	37.05	41.86	+26	−5	65.08	36.06	+28	−2	44.23	34.91	−1	+8
8	25.15	51.26	−1	−7	37.81	41.59	+31	−1	66.28	35.93	+28	+1	45.48	34.97	−16	+7
9	25.18	50.93	+12	−7	38.60	41.32	+28	+2	67.49	35.81	+21	+4	46.72	35.04	−27	+5
10	25.23	50.59	+23	−6	39.40	41.06	+19	+5	68.71	35.69	+9	+7	47.96	35.11	−33	+2
11	25.31	50.26	+31	−3	40.22	40.80	+6	+7	69.93	35.58	−5	+7	49.19	35.19	−33	−2
12	25.41	49.92	+33	0	41.07	40.55	−9	+7	71.16	35.47	−18	+6	50.41	35.28	−27	−5
13	25.54	49.59	+27	+4	41.93	40.30	−22	+5	72.40	35.37	−28	+4	51.62	35.37	−17	−6
14	25.70	49.26	+15	+7	42.81	40.05	−31	+2	73.64	35.28	−32	0	52.82	35.47	−5	−7
15	25.89	48.92	−1	+8	43.71	39.81	−33	−1	74.89	35.19	−30	−3	54.02	35.57	+6	−6
16	26.10	48.59	−16	+7	44.63	39.57	−29	−4	76.15	35.11	−23	−6	55.21	35.68	+15	−4
17	26.34	48.26	−29	+4	45.57	39.34	−20	−6	77.41	35.04	−12	−7	56.39	35.80	+21	−1
18	26.60	47.94	−35	+1	46.53	39.11	−8	−7	78.68	34.97	0	−7	57.55	35.92	+23	+1
19	26.89	47.61	−34	−2	47.50	38.89	+4	−6	79.95	34.91	+11	−5	58.70	36.04	+21	+4
20	27.20	47.29	−28	−5	48.49	38.67	+14	−5	81.23	34.85	+18	−3	59.85	36.17	+16	+6
21	27.54	46.96	−17	−7	49.50	38.46	+20	−2	82.51	34.80	+23	0	60.99	36.31	+8	+7
22	27.91	46.64	−6	−7	50.53	38.25	+23	+1	83.79	34.76	+23	+3	62.12	36.45	−1	+7
23	28.30	46.33	+7	−6	51.57	38.05	+21	+4	85.07	34.72	+19	+5	63.23	36.59	−9	+6
24	28.72	46.01	+16	−4	52.62	37.85	+16	+6	86.36	34.69	+13	+7	64.33	36.74	−16	+3
25	29.16	45.70	+21	−1	53.69	37.66	+8	+7	87.64	34.67	+4	+7	65.42	36.90	−17	0
26	29.62	45.38	+22	+2	54.77	37.48	−1	+7	88.93	34.65	−5	+6	66.49	37.06	−15	−4
27	30.11	45.07	+18	+4	55.87	37.30	−10	+6	90.21	34.64	−13	+4	67.55	37.23	−7	−6
28	30.62	44.77	+12	+6	56.98	37.12	−17	+3	91.50	34.63	−18	+1	68.60	37.40	+4	−8
29	31.16	44.47	+4	+7	58.10	36.95	−20	0	92.78	34.63	−18	−2	69.63	37.58	+16	−7
30	31.72	44.16	−5	+6					94.06	34.64	−13	−5	70.65	37.76	+26	−5
31	32.30	43.86	−13	+5					95.34	34.65	−4	−7	71.65	37.95	+30	−2
32	32.91	43.56	−18	+2					96.62	34.67	+7	−7				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+89° 2′ 30″	59.790	+59.781	+89° 2′ 40″	59.964	+59.955	+89° 2′ 50″	60.138	+60.130
40	59.964	+59.955	50	60.138	+60.130	60	60.314	+60.306

$\alpha_{1942.0} = 18^h\ 31^m\ 37^s.02$ $\delta_{1942.0} = +89°\ 2'\ 45''.00$

Ni) λ Ursae minoris $6^m.55$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	18^h32^m	+89° 2′	in $0.^s01$	in $0.''01$	18^h32^m	+89° 2′	in $0.^s01$	in $0.''01$	18^h32^m	+89° 2′	in $0.^s01$	in $0.''01$	18^h31^m	+89° 3′	in $0.^s01$	in $0.''01$
1	11.65	37.95	+30	−2	33.87	45.64	−3	+8	35.54	55.28	−38	−1	76.20	4.32	−3	−7
2	12.64	38.14	+28	+2	34.26	45.94	−19	+7	35.23	55.60	−33	−4	75.26	4.58	+8	−5
3	13.61	38.34	+19	+5	34.63	46.24	−32	+5	34.90	55.91	−24	−7	74.31	4.84	+16	−3
4	14.57	38.54	+5	+7	34.98	46.54	−38	+1	34.55	56.23	−11	−7	73.34	5.09	+19	0
5	15.51	38.74	−11	+8	35.31	46.84	−37	−2	34.17	56.54	+1	−6	72.35	5.33	+18	+3
6	16.43	38.95	−25	+6	35.61	47.14	−30	−5	33.78	56.85	+11	−4	71.34	5.57	+13	+5
7	17.34	39.16	−34	+3	35.89	47.44	−18	−7	33.36	57.16	+17	−2	70.32	5.82	+6	+7
8	18.23	39.38	−37	0	36.15	47.75	−5	−7	32.92	57.47	+19	+1	69.28	6.06	−2	+7
9	19.10	39.60	−32	−4	36.39	48.06	+6	−6	32.46	57.78	+16	+4	68.23	6.30	−10	+6
10	19.95	39.83	−23	−6	36.60	48.36	+15	−3	31.98	58.08	+11	+6	67.16	6.53	−16	+4
11	20.79	40.06	−11	−7	36.79	48.67	+19	−1	31.48	58.38	+4	+7	66.07	6.76	−20	+1
12	21.61	40.29	+1	−6	36.96	48.98	+20	+2	30.96	58.68	−4	+7	64.97	6.99	−19	−2
13	22.41	40.53	+11	−5	37.10	49.29	+16	+5	30.41	58.98	−11	+5	63.85	7.21	−14	−5
14	23.19	40.77	+18	−2	37.22	49.61	+11	+6	29.84	59.28	−17	+3	62.71	7.43	−4	−7
15	23.95	41.01	+21	0	37.32	49.92	+3	+7	29.25	59.58	−18	+1	61.56	7.65	+7	−8
16	24.70	41.26	+21	+3	37.40	50.23	−5	+6	28.64	59.87	−16	−2	60.40	7.86	+20	−7
17	25.43	41.51	+17	+5	37.45	50.55	−12	+5	28.01	60.16	−9	−5	59.22	8.07	+29	−5
18	26.13	41.76	+10	+6	37.48	50.86	−16	+2	27.36	60.46	+1	−7	58.03	8.27	+34	−1
19	26.81	42.02	+2	+7	37.49	51.18	−17	−1	26.69	60.75	+14	−8	56.83	8.47	+31	+3
20	27.48	42.28	−6	+6	37.48	51.49	−13	−4	26.00	61.04	+26	−6	55.61	8.67	+23	+6
21	28.13	42.55	−13	+4	37.44	51.81	−4	−6	25.29	61.32	+34	−3	54.38	8.86	+9	+7
22	28.76	42.82	−16	+1	37.38	52.13	+8	−8	24.56	61.61	+36	0	53.13	9.05	−7	+7
23	29.36	43.09	−15	−2	37.30	52.44	+21	−7	23.81	61.89	+30	+4	51.87	9.24	−21	+5
24	29.94	43.37	−9	−5	37.20	52.76	+31	−5	23.04	62.18	+18	+7	50.60	9.42	−30	+2
25	30.51	43.65	+1	−7	37.07	53.07	+36	−2	22.25	62.46	+2	+8	49.32	9.60	−33	−1
26	31.05	43.92	+13	−8	36.92	53.39	+33	+2	21.44	62.73	−15	+7	48.03	9.77	−28	−5
27	31.58	44.20	+25	−7	36.75	53.71	+23	+6	20.61	63.00	−28	+4	46.72	9.94	−19	−7
28	32.08	44.48	+32	−4	36.55	54.02	+8	+8	19.76	63.27	−35	+1	45.40	10.11	−7	−7
29	32.56	44.77	+33	0	36.33	54.34	−9	+8	18.90	63.54	−34	−3	44.07	10.27	+5	−7
30	33.02	45.06	+27	+4	{36.09 35.83	54.65 54.97	−24 −35	+6 +3}	18.02	63.81	−27	−6	42.73	10.43	+14	−4
31	33.46	45.35	+14	+7	35.54	55.28	−38	−1	17.12	64.07	−16	−7	41.38	10.58	+19	−1
32	33.87	45.64	−3	+8					16.20	64.32	−3	−7	40.02	10.73	+20	+2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+89° 2′ 30″	59.790	+59.781	+89° 2′ 50″	60.138	+60.130	+89° 3′ 10″	60.491	+60.483
40	59.964	+59.955	60	60.314	+60.306	20	60.669	+60.661

$\alpha_{1942.0} = 18^h\ 31^m\ 37.^s02$ $\delta_{1942.0} = +89°\ 2'\ 45.''00$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Ni) λ Ursae minoris $6^{m}.55$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		+	in			+	in			+	in			+	in	
	$18^{h}30^{m}$	89° 3′	^{s}0.01	″0.01	$18^{h}30^{m}$	89° 3′	^{s}0.01	″0.01	$18^{h}29^{m}$	89° 3′	^{s}0.01	″0.01	$18^{h}29^{m}$	89° 2′	^{s}0.01	″0.01
	s	″			s	″			s	″			s	″		
1	100.02	10.73	+20	+2	55.76	13.13	+ 6	+7	69.52	10.97	−18	+2	34.06	64.55	− 8	−6
2	98.65	10.88	+16	+5	54.23	13.13	− 3	+7	68.13	10.82	−19	−1	33.14	64.27	+ 2	−8
3	97.26	11.02	+10	+6	52.69	13.13	−11	+6	66.75	10.66	−14	−4	32.25	63.99	+16	−8
4	95.87	11.16	+ 1	+7	51.15	13.12	−17	+4	65.39	10.50	− 5	−7	31.38	63.71	+27	−6
5	94.47	11.29	− 7	+7	49.62	13.11	−20	+1	64.04	10.34	+ 7	−8	30.53	63.42	+35	−3
6	93.06	11.42	−15	+5	48.08	13.10	−18	−2	62.70	10.17	+19	−7	29.70	63.13	+36	0
7	91.64	11.54	−19	+3	46.55	13.08	−12	−5	61.37	10.00	+28	−5	28.90	62.84	+29	+4
8	90.21	11.66	−20	0	45.01	13.06	− 2	−7	60.05	9.82	+33	−2	28.12	62.54	+16	+7
9	88.78	11.77	−17	−4	43.48	13.03	+10	−7	58.75	9.64	+31	+2	27.36	62.24	0	+8
10	87.34	11.88	− 9	−6	41.96	12.99	+21	−6	57.46	9.45	+21	+5	26.62	61.93	−17	+7
11	85.89	11.99	+ 1	−7	40.43	12.95	+29	−4	56.19	9.26	+ 7	+8	25.90	61.63	−31	+5
12	84.43	12.09	+14	−7	38.90	12.91	+31	0	54.93	9.07	− 9	+8	25.21	61.33	−37	+1
13	82.96	12.19	+24	−6	37.38	12.86	+26	+4	53.68	8.87	−23	+6	24.54	61.02	−36	−3
14	81.49	12.28	+31	−2	35.86	12.80	+15	+6	52.45	8.66	−33	+3	23.90	60.70	−28	−6
15	80.01	12.37	+31	+1	34.35	12.74	+ 1	+8	51.23	8.45	−36	−1	23.28	60.39	−16	−7
16	78.53	12.45	+24	+5	32.84	12.68	−14	+7	50.02	8.24	−31	−4	22.68	60.07	− 3	−7
17	77.04	12.53	+12	+7	31.33	12.61	−26	+5	48.83	8.02	−22	−6	22.11	59.76	+ 8	−5
18	75.54	12.61	− 2	+7	29.83	12.54	−32	+1	47.66	7.80	− 9	−7	21.56	59.44	+15	−3
19	74.04	12.68	−16	+6	28.33	12.46	−32	−2	46.50	7.57	+ 3	−7	21.04	59.11	+18	0
20	72.54	12.74	−27	+4	26.84	12.37	−26	−5	45.36	7.34	+13	−5	20.54	58.79	+17	+3
21	71.03	12.80	−31	0	25.35	12.28	−15	−7	44.24	7.11	+19	−2	20.07	58.46	+12	+5
22	69.52	12.85	−29	−4	23.87	12.19	− 3	−7	43.14	6.87	+20	+1	19.62	58.14	+ 5	+7
23	68.00	12.90	−22	−6	22.40	12.09	+ 8	−6	42.06	6.63	+17	+4	19.20	57.81	− 3	+7
24	66.48	12.94	−11	−7	20.93	11.98	+16	−4	40.99	6.38	+12	+6	18.80	57.48	−10	+6
25	64.95	12.98	+ 1	−7	19.47	11.87	+20	−1	39.94	6.13	+ 4	+7	18.43	57.14	−16	+4
26	63.42	13.02	+12	−5	18.02	11.76	+20	+2	38.91	5.88	− 4	+7	18.08	56.81	−19	+2
27	61.90	13.05	+19	−3	16.58	11.64	+16	+5	37.90	5.62	−11	+5	17.76	56.48	−18	−1
28	60.37	13.08	+21	+1	15.15	11.52	+10	+6	36.91	5.36	−17	+3	17.47	56.14	−12	−4
29	58.83	13.10	+19	+3	13.72	11.39	+ 1	+7	35.94	5.09	−18	0	*)17.20	55.80	− 2	−7
30	57.30	13.12	+14	+6	12.31	11.25	− 7	+7	34.99	4.82	−16	−3	16.96	55.47	+10	−8
31	55.76	13.13	+ 6	+7	10.91	11.11	−14	+5	34.06	4.55	− 8	−6	16.75	55.13	+23	−7
32					9.52	10.97	−18	+2					16.56	54.79	+34	−5

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+89° 2′ 50″	60.138	+60.130	+89° 3′ 0″	60.314	+60.306	+89° 3′ 10″	60.491	+60.483
60	60.314	+60.306	10	60.491	+60.483	20	60.669	+60.661

$\alpha_{1942.0} = 18^{h}\ 31^{m}\ 37^{s}.02$ $\delta_{1942.0} = +89°\ 2'\ 45''.00$

*) Tag der doppelten unteren Kulmination: Dez. 29.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Nk) 76 Draconis $5^m.69$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$20^h 46^m$	+ 82° 19′	in $0^s.01$	in $0''.01$	$20^h 46^m$	+ 82° 19′	in $0^s.01$	in $0''.01$	$20^h 46^m$	+ 82° 18′	in $0^s.01$	in $0''.01$	$20^h 46^m$	+ 82° 18′	in $0^s.01$	in $0''.01$
1	$49^s.29$	$22''.35$	+2	+4	$47^s.51$	$12''.66$	−1	+4	$48^s.46$	$63''.50$	−1	+3	$51^s.96$	$56''.29$	−2	−7
2	49.19	22.08	+2	+5	*)47.50	12.32	−2	+2	48.54	63.21	−2	0	52.11	56.14	−1	−8
3	49.09	21.81	+1	+6	47.49	11.98	−2	−1	48.62	62.92	−2	−3	52.26	55.99	+1	−7
4	48.99	21.53	0	+5	47.49	11.64	−2	−5	48.70	62.63	−2	−6	52.40	55.85	+2	−4
5	48.90	21.25	−1	+3	47.49	11.30	−2	−7	48.78	62.34	−1	−8	52.55	55.72	+3	0
6	48.80	20.96	−2	0	47.50	10.96	−1	−8	48.87	62.06	0	−8	52.70	55.59	+3	+4
7	48.72	20.67	−2	−3	47.50	10.62	+1	−7	48.95	61.78	+1	−6	52.85	55.47	+2	+7
8	48.63	20.38	−2	−6	47.52	10.28	+2	−5	49.05	61.50	+2	−3	53.00	55.35	+1	+8
9	48.55	20.09	−1	−8	47.53	9.95	+3	−2	49.14	61.23	+3	+1	53.16	55.24	0	+8
10	48.47	19.79	0	−8	47.55	9.61	+3	+2	49.24	60.96	+3	+5	53.31	55.14	−2	+6
11	48.40	19.49	+1	−7	47.57	9.27	+2	+5	49.34	60.70	+2	+7	53.46	55.05	−3	+3
12	48.33	19.18	+2	−4	47.59	8.93	+1	+7	49.45	60.44	+1	+8	53.62	54.96	−3	0
13	48.26	18.87	+3	0	47.62	8.60	0	+8	49.56	60.19	−1	+7	53.77	54.87	−3	−3
14	48.19	18.57	+3	+4	47.64	8.26	−2	+6	49.67	59.94	−2	+5	53.93	54.79	−2	−5
15	48.13	18.25	+2	+7	47.68	7.93	−3	+3	49.77	59.69	−3	+1	54.09	54.72	−1	−6
16	48.06	17.94	+1	+8	47.71	7.60	−3	0	49.89	59.45	−3	−2	54.24	54.66	0	−6
17	48.01	17.62	−1	+8	47.75	7.27	−3	−3	50.00	59.21	−3	−4	54.40	54.60	+1	−4
18	47.95	17.30	−2	+6	47.79	6.95	−3	−5	50.12	58.98	−2	−6	54.56	54.54	+2	−2
19	47.90	16.98	−3	+3	47.84	6.62	−2	−6	50.24	58.75	−1	−6	54.72	54.50	+3	0
20	47.85	16.66	−3	−1	47.89	6.30	0	−6	50.36	58.53	0	−5	54.88	54.46	+3	+3
21	47.81	16.33	−3	−3	47.94	5.98	+1	−4	50.48	58.32	+1	−3	55.05	54.43	+2	+5
22	47.77	16.00	−2	−5	47.99	5.66	+2	−2	50.61	58.11	+2	−1	55.21	54.40	+2	+6
23	47.73	15.67	−1	−6	48.05	5.34	+2	0	50.74	57.90	+3	+1	55.37	54.38	+1	+6
24	47.69	15.34	0	−5	48.11	5.03	+3	+3	50.87	57.70	+3	+4	55.54	54.36	0	+4
25	47.66	15.01	+1	−3	48.17	4.71	+2	+5	51.00	57.50	+2	+5	55.70	54.35	−1	+2
26	47.62	14.68	+2	−1	48.24	4.41	+2	+6	51.13	57.31	+1	+6	55.86	54.34	−2	−1
27	47.60	14.34	+3	+1	48.31	4.10	+1	+6	51.27	57.13	0	+6	56.02	54.35	−2	−5
28	47.57	14.01	+2	+4	48.38	3.80	0	+5	51.40	56.95	−1	+4	56.19	54.36	−2	−7
29	47.55	13.67	+2	+5	48.46	3.50	−1	+3	51.54	56.77	−2	+1	56.35	54.37	−1	−9
30	47.53	13.34	+1	+6					51.68	56.61	−2	−2	56.51	54.39	0	−8
31	47.52	13.00	0	+6					51.82	56.44	−2	−5	56.67	54.42	+1	−6
32	47.51	12.66	−1	+4					51.96	56.29	−2	−7				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 18′ 50″	7.477	+7.410	+82° 19′ 0″	7.480	+7.412	+82° 19′ 20″	7.485	+7.418
60	7.480	+7.412	10	7.482	+7.415	30	7.488	+7.421

$\alpha_{1942.0} = 20^h\ 46^m\ 54^s.47$ $\delta_{1942.0} = +82°\ 19'\ 5''.59$

*) Tag der doppelten unteren Kulmination: Febr. 2.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Nk) 76 Draconis $5^m.69$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	20^h46^m	+82° 18′	in $0^s.01$	in $0''.01$	20^h47^m	+82° 18′	in $0^s.01$	in $0''.01$	20^h47^m	+82° 19′	in $0^s.01$	in $0''.01$	20^h47^m	+82° 19′	in $0^s.01$	in $0''.01$
	s	″			s	″			s	″			s	″		
1	56.67	54.42	+1	−6	1.32	58.20	+2	+7	4.34	6.18	−2	+7	5.16	16.74	−3	−4
2	56.83	54.46	+2	−2	1.45	58.41	+1	+9	4.41	6.49	−3	+4	5.14	17.10	−2	−6
3	56.99	54.50	+3	+2	1.58	58.62	−1	+8	4.47	6.81	−4	+1	5.12 / 5.10	17.45 / 17.81	−1 / 0	−6 / −4
4	57.16	54.54	+2	+6	1.70	58.84	−2	+6	4.53	7.13	−3	−2	5.08	18.16	+1	−2
5	57.32	54.59	+1	+8	1.83	59.06	−3	+3	4.59	7.45	−3	−5	5.05	18.51	+2	0
6	57.48	54.65	0	+9	1.95	59.29	−4	0	4.64	7.78	−2	−6	5.02	18.86	+2	+3
7	57.64	54.72	−1	+7	2.07	59.52	−3	−3	4.70	8.10	0	−5	4.99	19.22	+2	+5
8	57.80	54.79	−3	+5	2.19	59.75	−2	−5	4.75	8.43	+1	−4	4.96	19.57	+2	+6
9	57.95	54.87	−3	+1	2.30	59.99	−1	−6	4.79	8.77	+2	−1	4.92	19.92	+1	+7
10	58.11	54.95	−3	−2	2.42	60.23	0	−5	4.84	9.10	+2	+1	4.88	20.27	0	+6
11	58.27	55.04	−3	−4	2.53	60.48	+1	−3	4.88	9.44	+2	+3	4.84	20.62	−1	+4
12	58.42	55.14	−2	−6	2.64	60.73	+2	−1	4.92	9.77	+2	+5	4.80	20.97	−2	+1
13	58.58	55.24	0	−6	2.76	60.98	+2	+2	4.96	10.11	+2	+6	4.75	21.32	−2	−2
14	58.74	55.34	+1	−5	2.86	61.24	+2	+4	4.99	10.45	+1	+6	4.70	21.66	−2	−5
15	58.89	55.46	+2	−3	2.97	61.50	+2	+5	5.02	10.79	0	+5	4.65	22.01	−2	−7
16	59.05	55.57	+2	0	3.07	61.77	+1	+6	5.05	11.13	−1	+3	4.59	22.35	−1	−8
17	59.20	55.70	+3	+2	3.17	62.04	+1	+6	5.08	11.48	−2	0	4.53	22.70	+1	−8
18	59.35	55.83	+3	+4	3.27	62.31	0	+4	5.10	11.82	−2	−3	4.47	23.04	+2	−6
19	59.50	55.96	+2	+5	3.37	62.59	−1	+1	5.12	12.17	−2	−7	4.41	23.38	+3	−2
20	59.64	56.10	+1	+6	3.46	62.87	−2	−2	5.14	12.52	−1	−9	4.35	23.72	+3	+2
21	59.79	56.25	0	+5	3.55	63.16	−2	−5	5.16	12.87	0	−9	4.28	24.06	+3	+5
22	59.93	56.40	−1	+3	3.64	63.45	−2	−8	5.17	13.22	+1	−8	4.21	24.40	+2	+7
23	60.08	56.56	−2	0	3.73	63.74	−1	−9	5.18	13.57	+3	−5	4.14	24.73	0	+7
24	60.22	56.72	−2	−3	3.82	64.03	+1	−9	5.19	13.91	+3	−1	4.06	25.06	−1	+6
25	60.37	56.89	−2	−7	3.90	64.33	+2	−7	5.20	14.26	+3	+3	3.99	25.39	−3	+3
26	60.51	57.06	−1	−9	3.98	64.63	+3	−3	5.20	14.62	+2	+6	3.91	25.72	−3	0
27	60.65	57.24	0	−9	4.06	64.93	+3	+2	5.20	14.97	+1	+8	3.82	26.05	−3	−3
28	60.79	57.42	+1	−8	4.13	65.24	+3	+5	5.20	15.32	−1	+8	3.74	26.38	−3	−5
29	60.92	57.61	+2	−4	4.20	65.55	+2	+8	5.19	15.68	−2	+5	3.65	26.70	−2	−6
30	61.06	57.80	+3	0	4.27	65.86	0	+8	5.18	16.03	−3	+2	3.56	27.02	0	−5
31	61.19	58.00	+3	+4	4.34	66.18	−2	+7	5.17	16.39	−4	−1	3.47	27.34	+1	−4
32	61.32	58.20	+2	+7					5.16	16.74	−3	−4	3.38	27.66	+2	−1

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 18′ 50″	7.477	+7.410	+82° 19′ 0″	7.480	+7.412	+82° 19′ 20″	7.485	+7.418
60	7.480	+7.412	10	7.482	+7.415	30	7.488	+7.421

$\alpha_{1942.0} = 20^h\ 46^m\ 54^s.47$ $\delta_{1942.0} = +82°\ 19'\ 5''.59$

Obere Kulmination Greenwich

Nk) 76 Draconis $5^m.69$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
		+	in			+	in			+	in			+	in	
	20^h46^m	82° 19′	$0^s.01$	0″.01	20^h46^m	82° 19′	$0^s.01$	0″.01	20^h46^m	82° 19′	$0^s.01$	0″.01	20^h46^m	82° 19′	$0^s.01$	0″.01
1	63.38	27.66	+2	−1	59.63	35.76	+2	+5	54.46	40.17	−1	+4	49.26	39.44	−2	−4
2	63.28	27.97	+2	+2	59.48	35.97	+2	+6	54.28	40.23	−2	+1	49.10	39.33	−2	−7
3	63.18	28.28	+3	+4	59.33	36.18	+1	+6	54.11	40.29	−2	−2	48.94	39.21	−1	−9
4	63.08	28.59	+2	+6	59.17	36.38	0	+5	53.93	40.33	−2	−5	48.78	39.08	0	−9
5	62.98	28.90	+1	+7	59.02	36.58	−1	+3	53.75	40.38	−2	−8	48.63	38.95	+1	−8
6	62.87	29.20	0	+6	58.86	36.78	−2	0	53.58	40.41	−1	−9	48.47	38.81	+3	−4
7	62.76	29.50	−1	+5	58.70	36.97	−2	−3	53.40	40.44	0	−8	48.32	38.67	+3	0
8	62.65	29.80	−2	+2	58.54	37.16	−2	−6	53.22	40.47	+2	−6	48.17	38.52	+3	+4
9	62.54	30.10	−2	−1	58.38	37.34	−1	−8	53.05	40.49	+3	−2	48.01	38.37	+2	+7
10	62.43	30.39	−2	−4	58.22	37.52	0	−8	52.87	40.50	+3	+2	47.86	38.21	+1	+8
11	62.31	30.68	−2	−7	58.06	37.70	+1	−7	52.69	40.51	+3	+6	47.71	38.05	−1	+8
12	62.19	30.97	−1	−8	57.89	37.87	+2	−4	52.52	40.51	+2	+8	47.57	37.88	−2	+6
13	62.07	31.25	0	−8	57.73	38.03	+3	0	52.34	40.50	0	+8	47.42	37.70	−3	+2
14	61.95	31.53	+1	−6	57.56	38.19	+3	+3	52.16	40.49	−1	+7	47.28	37.52	−4	−1
15	61.83	31.81	+3	−3	57.40	38.34	+2	+6	51.99	40.48	−3	+4	47.14	37.33	−3	−4
16	61.71	32.08	+3	+1	57.23	38.49	+1	+8	51.81	40.46	−3	+1	47.00	37.14	−2	−6
17	61.58	32.35	+3	+4	57.06	38.63	0	+8	51.64	40.43	−3	−3	46.86	36.94	−1	−6
18	61.45	32.62	+2	+7	56.89	38.77	−2	+6	51.46	40.40	−3	−5	46.72	36.74	0	−5
19	61.32	32.89	+1	+8	56.72	38.91	−3	+3	51.29	40.36	−2	−6	46.59	36.53	+1	−2
20	61.19	33.15	−1	+7	56.55	39.04	−3	−1	51.12	40.31	0	−6	46.45	36.32	+2	0
21	61.06	33.41	−2	+4	56.38	39.16	−3	−4	50.94	40.26	+1	−4	46.32	36.11	+2	+3
22	60.92	33.66	−3	+1	56.21	39.28	−2	−6	50.77	40.21	+2	−2	46.20	35.88	+2	+5
23	60.78	33.91	−3	−2	56.04	39.40	−1	−6	50.60	40.15	+2	+1	46.07	35.66	+2	+6
24	60.64	34.15	−3	−5	55.87	39.51	0	−5	50.43	40.08	+2	+3	45.95	35.43	+1	+6
25	60.50	34.39	−2	−6	55.69	39.61	+1	−3	50.26	40.01	+2	+5	45.83	35.19	0	+6
26	60.36	34.63	−1	−6	55.51	39.71	+2	−1	50.10	39.93	+2	+6	45.71	34.95	−1	+4
27	60.22	34.86	0	−5	55.34	39.80	+2	+2	49.93	39.84	+1	+6	45.60	34.70	−2	+1
28	60.07	35.09	+2	−2	55.16	39.88	+3	+4	49.76	39.75	0	+5	45.48	34.45	−2	−2
29	59.93	35.32	+2	0	54.99	39.96	+2	+6	49.59	39.65	−1	+3	45.37	34.19	−2	−6
30	59.78	35.54	+3	+3	54.81	40.04	+1	+7	49.43	39.55	−2	0	45.26	33.93	−2	−8
31	59.63	35.76	+2	+5	54.64	40.11	0	+6	49.26	39.44	−2	−4	45.16	33.67	−1	−10
32					54.46	40.17	−1	+4					45.05	33.40	+1	−9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 19′ 20″	7.485	+7.418	+82° 19′ 30″	7.488	+7.421	+82° 19′ 40″	7.490	+7.423
30	7.488	+7.421	40	7.490	+7.423	50	7.493	+7.426

$\alpha_{1942.0} = 20^h\ 46^m\ 54^s.47$ $\delta_{1942.0} = +82°\ 19'\ 5''.59$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sa) 4 G. Octantis $5^m\!.63$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$1^h 40^m$	85° 4′	$0^s.01$	$0''.01$	$1^h 40^m$	85° 4′	$0^s.01$	$0''.01$	$1^h 40^m$	85° 3′	$0^s.01$	$0''.01$	$1^h 40^m$	85° 3′	$0^s.01$	$0''.01$
1	$30^s.49$	$13''.16$	−5	−4	$22^s.51$	$10''.97$	−1	+5	$16^s.41$	$64''.51$	+1	+5	$12^s.29$	$54''.09$	+6	−1
2	30.23	13.18	−5	−1	22.27	10.81	+1	+5	16.23	64.21	+3	+5	12.21	53.72	+5	−4
3	29.98	13.20	−4	+1	22.02	10.64	+3	+5	16.05	63.91	+4	+4	12.14	53.35	+2	−6
4	29.72	13.21	−2	+3	21.78	10.47	+5	+3	15.87	63.61	+5	+1	12.07	52.99	0	−7
5	29.46	13.21	0	+5	21.54	10.29	+6	0	15.70	63.31	+5	−2	12.00	52.62	−3	−6
6	29.20	13.21	+2	+5	21.30	10.10	+5	−3	15.53	63.00	+4	−5	11.94	52.24	−5	−4
7	28.94	13.20	+4	+4	21.07	9.91	+3	−6	15.36	62.69	+2	−7	11.88	51.87	−6	0
8	28.68	13.18	+5	+1	20.83	9.71	+1	−8	15.20	62.38	−1	−7	11.83	51.50	−5	+3
9	28.42	13.16	+6	−2	20.60	9.51	−2	−7	15.04	62.06	−4	−6	11.78	51.12	−3	+6
10	28.15	13.13	+4	−5	20.37	9.30	−4	−6	14.88	61.74	−5	−3	11.74	50.75	−1	+8
11	27.89	13.09	+2	−7	20.14	9.09	−5	−2	14.73	61.42	−5	0	11.70	50.37	+1	+9
12	27.63	13.05	0	−8	19.91	8.87	−5	+1	14.58	61.09	−4	+4	11.66	49.99	+3	+7
13	27.36	13.01	−3	−7	19.68	8.65	−4	+5	14.43	60.76	−3	+7	11.63	49.62	+5	+5
14	27.10	12.96	−5	−5	19.46	8.43	−2	+8	14.29	60.43	0	+8	11.59	49.24	+5	+2
15	26.84	12.90	−6	−1	19.24	8.20	+1	+9	14.14	60.10	+2	+8	11.57	48.87	+4	−1
16	26.58	12.83	−5	+3	19.02	7.96	+3	+8	14.00	59.76	+4	+7	11.55	48.49	+3	−3
17	26.32	12.76	−3	+7	18.80	7.72	+5	+6	13.87	59.42	+5	+4	*)11.53	48.12	+1	−5
18	26.06	12.68	−1	+9	18.59	7.48	+5	+3	13.74	59.08	+5	+1	11.51	47.74	−1	−6
19	25.80	12.60	+2	+9	18.38	7.23	+5	0	13.61	58.74	+4	−2	11.51	47.37	−3	−6
20	25.55	12.51	+4	+8	18.17	6.97	+3	−3	13.49	58.39	+2	−4	11.50	46.99	−4	−5
21	25.29	12.41	+5	+5	17.96	6.71	+1	−5	13.37	58.04	0	−6	11.50	46.62	−5	−3
22	25.03	12.31	+5	+2	17.75	6.45	−1	−6	13.25	57.69	−2	−6	11.50	46.24	−5	−1
23	24.78	12.20	+4	−1	17.55	6.19	−3	−6	13.13	57.34	−4	−6	11.51	45.87	−4	+2
24	24.52	12.09	+2	−4	17.35	5.92	−4	−5	13.02	56.99	−5	−4	11.51	45.49	−2	+4
25	24.26	11.97	0	−6	17.16	5.65	−5	−3	12.92	56.63	−5	−2	11.53	45.12	+1	+5
26	24.01	11.84	−2	−6	16.96	5.37	−5	−1	12.81	56.27	−4	0	11.55	44.75	+3	+5
27	23.76	11.71	−3	−6	16.78	5.08	−4	+2	12.71	55.91	−3	+3	11.57	44.37	+5	+3
28	23.51	11.58	−4	−4	16.59	4.80	−2	+4	12.62	55.55	−1	+5	11.59	44.00	+6	0
29	23.26	11.43	−5	−2	16.41	4.51	+1	+5	12.53	55.19	+2	+5	11.63	43.64	+5	−3
30	23.01	11.28	−4	0					12.45	54.83	+4	+4	11.66	43.27	+4	−6
31	22.76	11.13	−3	+3					12.37	54.46	+5	+2	11.70	42.90	+1	−7
32	22.51	10.97	−1	+5					12.29	54.09	+6	−1				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 3′ 40″	11.615	−11.572	−85° 3′ 50″	11.622	−11.579	−85° 4′ 10″	11.635	−11.592
50	11.622	−11.579	60	11.628	−11.585	20	11.641	−11.598

$\alpha_{1942.0} = 1^h\ 40^m\ 32^s\!.79$ $\delta_{1942.0} = -85°\ 3'\ 48''\!.10$

*) Tag der doppelten unteren Kulmination: April 17.

Sa) 4 G. Octantis $5^m_.63$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
		—	in			—	in			—	in			—	in	
	$1^h\,40^m$	85° 3′	$0^s.01$	$0''.01$	$1^h\,40^m$	85° 3′	$0^s.01$	$0''.01$	$1^h\,40^m$	85° 3′	$0^s.01$	$0''.01$	$1^h\,40^m$	85° 3′	$0^s.01$	$0''.01$
	s	"			s	"			s	"			s	"		
1	11.70	42.90	+1	−7	14.72	32.51	−6	0	20.55	25.67	−2	+9	28.10	23.53	+5	+5
2	11.74	42.53	−2	−7	14.87	32.22	−5	+4	20.77	25.51	+1	+10	28.35	23.56	+5	+2
3	11.78	42.17	−4	−6	15.03	31.93	−3	+8	21.00	25.36	+3	+9	28.59	23.59	+4	−1
4	11.83	41.80	−6	−2	15.19	31.65	−1	+9	21.23	25.22	+5	+7	28.84	23.62	+2	−4
5	11.88	41.44	−6	+2	15.35	31.37	+2	+10	21.47	25.08	+5	+4	29.08	23.66	0	−5
6	11.94	41.08	−4	+6	15.52	31.10	+4	+8	21.70	24.95	+4	0	29.33	23.71	−2	−5
7	12.00	40.72	−2	+8	15.69	30.83	+5	+5	21.94	24.82	+3	−2	29.57	23.76	−4	−4
8	12.06	40.37	0	+9	15.86	30.56	+5	+2	22.18	24.70	+1	−4	29.81	23.82	−5	−3
9	12.13	40.01	+3	+9	16.04	30.30	+4	−1	22.42	24.59	−1	−5	30.05	23.89	−5	−1
10	12.20	39.66	+4	+7	16.22	30.04	+2	−3	22.66	24.48	−3	−5	30.29	23.96	−4	+1
11	12.28	39.31	+5	+4	16.40	29.78	0	−5	22.90	24.38	−4	−4	30.53	24.04	−3	+3
12	12.36	38.96	+4	0	16.59	29.53	−2	−6	23.14	24.28	−5	−2	30.77	24.12	−1	+5
13	12.44	38.61	+3	−2	16.77	29.28	−3	−5	23.38	24.18	−5	0	31.00	24.21	+1	+5
14	12.53	38.26	+1	−4	16.96	29.04	−4	−4	23.63	24.10	−4	+2	31.24	24.30	+4	+4
15	12.62	37.92	0	−6	17.16	28.81	−5	−2	23.87	24.02	−2	+4	31.47	24.40	+5	+2
16	12.71	37.58	−2	−6	17.35	28.57	−4	0	24.12	23.94	0	+5	31.70	24.51	+6	−1
17	12.81	37.24	−4	−5	17.55	28.35	−3	+2	24.36	23.87	+2	+5	31.93	24.62	+5	−4
18	12.91	36.91	−5	−4	17.75	28.13	−1	+4	24.61	23.81	+4	+3	32.16	24.74	+3	−7
19	13.02	36.58	−5	−2	17.95	27.91	+1	+5	24.86	23.75	+6	+1	32.38	24.86	0	−8
20	13.13	36.25	−4	0	18.16	27.70	+3	+4	25.11	23.70	+6	−2	32.61	24.99	−2	−8
21	13.25	35.92	−3	+3	18.36	27.49	+5	+2	25.36	23.65	+5	−6	32.83	25.12	−4	−6
22	13.37	35.59	0	+4	18.57	27.29	+6	−1	25.61	23.61	+2	−8	33.05	25.26	−5	−3
23	13.49	35.27	+2	+5	18.78	27.09	+5	−4	25.86	23.58	0	−9	33.27	25.40	−5	+1
24	13.61	34.95	+4	+3	18.99	26.89	+4	−7	26.11	23.55	−3	−8	33.48	25.55	−4	+5
25	13.74	34.63	+6	+1	19.21	26.70	+1	−9	26.36	23.53	−5	−5	33.70	25.71	−1	+8
26	13.87	34.32	+6	−2	19.42	26.52	−2	−9	26.61	23.51	−6	−1	33.91	25.87	+1	+9
27	14.00	34.01	+5	−5	19.64	26.34	−4	−7	26.86	23.50	−5	+3	34.11	26.04	+4	+8
28	14.14	33.71	+3	−8	19.87	26.16	−6	−3	27.10	23.49	−3	+7	34.32	26.21	+5	+6
29	14.28	33.40	0	−8	20.09	25.99	−6	+1	27.35	23.49	0	+9	34.52	26.39	+5	+3
30	14.42	33.11	−3	−7	20.32	25.83	−4	+6	27.60	23.50	+2	+9	34.72	26.57	+4	0
31	14.57	32.81	−5	−4	20.55	25.67	−2	+9	27.85	23.51	+4	+8	34.92	26.76	+3	−3
32	14.72	32.51	−6	0					28.10	23.53	+5	+5	35.12	26.95	+1	−5

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 3′ 20″	11.602	−11.559	−85° 3′ 30″	11.609	−11.566	−85° 3′ 40″	11.615	−11.572
30	11.609	−11.566	40	11.615	−11.572	50	11.622	−11.579

$\alpha_{1942.0} = 1^h\,40^m\,32^s.79$ $\delta_{1942.0} = -85°\,3'\,48''.10$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sa) 4 G. Octantis $5^m.63$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
		—	in			—	in			—	in			—	in	
	$1^h\ 40^m$	$85°\ 3'$	$0^s.01$	$0''.01$	$1^h\ 40^m$	$85°\ 3'$	$0^s.01$	$0''.01$	$1^h\ 40^m$	$85°\ 3'$	$0^s.01$	$0''.01$	$1^h\ 40^m$	$85°\ 3'$	$0^s.01$	$0''.01$
	s	"			s	"			s	"			s	"		
1	35.12	26.95	+1	−5	39.35	34.62	−4	−5	39.50	44.78	−1	+4	35.45	52.73	+5	+3
2	35.31	27.14	−2	−6	39.43	34.93	−5	−3	39.43	45.09	+1	+5	35.26	52.94	+6	+1
3	35.50	27.35	−3	−5	39.50	35.23	−5	0	39.35	45.39	+3	+4	35.06	53.13	+6	−3
4	35.68	27.55	−5	−4	39.57	35.54	−4	+2	39.26	45.70	+5	+2	34.86	53.32	+5	−6
5	35.87	27.76	−5	−2	39.63	35.85	−2	+4	39.17	46.00	+6	0	34.66	53.51	+2	−8
6	36.04	27.98	−5	+1	39.69	36.16	0	+5	39.08	46.30	+5	−4	34.45	53.69	−1	−9
7	36.22	28.20	−3	+3	39.74	36.47	+2	+5	38.98	46.60	+4	−7	34.24	53.87	−3	−8
8	36.39	28.43	−1	+5	39.79	36.79	+4	+4	38.88	46.90	+1	−8	34.03	54.04	−5	−5
9	36.56	28.66	+1	+5	39.84	37.11	+5	+2	38.78	47.19	−2	−8	33.82	54.21	−6	−1
10	36.73	28.89	+3	+5	39.88	37.42	+6	−1	38.67	47.48	−4	−6	33.60	54.37	−5	+4
11	36.90	29.13	+5	+3	39.92	37.74	+5	−4	38.56	47.77	−5	−3	33.38	54.52	−3	+7
12	37.06	29.37	+6	+1	39.95	38.06	+2	−7	38.44	48.05	−6	+1	33.16	54.67	0	+9
13	37.21	29.61	+5	−2	39.97	38.38	0	−8	38.31	48.33	−4	+5	32.94	54.82	+2	+10
14	37.37	29.86	+4	−5	40.00	38.70	−3	−7	38.19	48.61	−2	+8	32.71	54.95	+4	+8
15	37.51	30.11	+1	−7	40.01	39.02	−5	−5	38.06	48.88	+1	+9	32.48	55.08	+5	+5
16	37.66	30.37	−1	−8	40.02	39.34	−6	−1	37.92	49.15	+3	+9	32.25	55.21	+5	+2
17	37.80	30.63	−4	−7	40.03 40.03	39.67 39.99	−5 −3	+3 +6	37.78	49.42	+5	+6	32.02	55.33	+4	−1
18	37.93	30.90	−5	−4	40.03	40.32	−1	+8	37.64	49.68	+5	+3	31.78	55.45	+2	−4
19	38.06	31.17	−5	0	40.02	40.64	+2	+9	37.50	49.95	+5	0	31.55	55.56	0	−5
20	38.19	31.44	−4	+4	40.01	40.97	+4	+7	37.35	50.20	+3	−3	31.31	55.66	−2	−5
21	38.32	31.71	−2	+7	40.00	41.29	+5	+5	37.20	50.45	+1	−5	31.07	55.76	−4	−4
22	38.44	31.99	0	+8	39.97	41.61	+5	+2	37.04	50.70	−1	−5	30.83	55.85	−5	−3
23	38.56	32.27	+3	+8	39.95	41.94	+4	−1	36.87	50.95	−3	−5	30.58	55.93	−5	−1
24	38.67	32.55	+4	+6	39.92	42.26	+2	−4	36.71	51.18	−4	−4	30.34	56.01	−4	+1
25	38.78	32.84	+5	+4	39.88	42.57	0	−5	36.54	51.42	−5	−2	30.09	56.08	−3	+3
26	38.88	33.13	+5	+1	39.84	42.89	−2	−6	36.36	51.65	−5	0	29.84	56.14	−1	+5
27	38.98	33.42	+4	−2	39.79	43.21	−3	−5	36.18	51.88	−4	+2	29.59	56.20	+1	+5
28	39.08	33.72	+2	−4	39.74	43.53	−5	−4	36.01	52.10	−2	+4	29.34	56.26	+4	+4
29	39.17	34.02	−1	−5	39.69	43.84	−5	−2	35.82	52.32	0	+5	29.09	56.30	+5	+2
30	39.26	34.32	−3	−6	39.63	44.16	−5	+1	35.64	52.53	+2	+5	28.84	56.34	+6	−1
31	39.35	34.62	−4	−5	39.57	44.47	−3	+3	35.45	52.73	+5	+3	28.58	56.38	+5	−5
32					39.50	44.78	−1	+4					28.33	56.41	+4	−8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 3′ 20″	11.602	−11.559	−85° 3′ 30″	11.609	−11.566	−85° 3′ 50″	11.622	−11.579
30	11.609	−11.566	40	11.615	−11.572	60	11.628	−11.585

$\alpha_{1942.0} = 1^h\ 40^m\ 32^s.79$ $\delta_{1942.0} = -85°\ 3'\ 48''.10$

Sb) ξ Mensae $5^m.85$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$5^h 5^m$	82° 33′	$0^s.01$	0″.01	$5^h 5^m$	82° 33′	$0^s.01$	0″.01	$5^h 5^m$	82° 33′	$0^s.01$	0″.01	$5^h 5^m$	82° 33′	$0^s.01$	0″.01
1	$32^s.86$	22″.47	−1	−7	$28^s.71$	29″.63	−2	+1	$23^s.60$	32″.02	−1	+3	$17^s.77$	29″.80	+2	+6
2	32.77	22.76	−1	−6	28.54	29.79	−1	+4	23.40	32.02	−1	+6	17.59	29.65	+3	+3
3	32.67	23.05	−2	−4	28.37	29.94	0	+6	23.21	32.02	0	+7	17.41	29.50	+3	0
4	32.57	23.34	−2	−1	28.20	30.09	+1	+7	23.01	32.02	+2	+6	17.24	29.34	+2	−4
5	32.47	23.62	−1	+2	28.03	30.23	+2	+6	22.82	32.02	+3	+5	17.07	29.18	+1	−6
6	32.36	23.90	−1	+5	27.86	30.36	+3	+3	22.63	32.00	+3	+1	16.90	29.01	−1	−7
7	32.25	24.17	0	+7	27.69	30.49	+3	0	22.44	31.98	+3	−2	16.73	28.84	−2	−6
8	32.13	24.44	+2	+7	27.51	30.62	+2	−3	22.24	31.96	+2	−5	16.56	28.66	−3	−4
9	32.02	24.70	+3	+5	27.33	30.74	+1	−6	22.05	31.93	0	−7	16.39	28.47	−3	0
10	31.89	24.96	+3	+2	27.15	30.85	0	−7	21.86	31.89	−1	−7	16.23	28.28	−3	+3
11	31.77	25.22	+3	−1	26.97	30.96	−1	−7	21.67	31.85	−2	−6	16.07	28.09	−2	+6
12	31.65	25.47	+2	−5	26.79	31.07	−2	−5	21.48	31.80	−3	−2	15.91	27.90	−1	+7
13	31.52	25.72	+1	−7	26.61	31.17	−3	−1	21.29	31.75	−3	+1	15.75	27.70	0	+7
14	31.39	25.97	−1	−8	26.43	31.26	−3	+3	21.09	31.70	−3	+4	15.59	27.50	+1	+6
15	31.26	26.21	−2	−6	26.24	31.35	−2	+6	20.90	31.64	−2	+7	15.43	27.29	+2	+4
16	31.13	26.45	−3	−3	26.06	31.44	−1	+8	20.71	31.57	0	+8	15.28	27.08	+2	+1
17	30.99	26.68	−3	0	25.87	31.51	0	+8	20.52	31.50	+1	+7	15.12	26.86	+2	−2
18	30.85	26.91	−3	+4	25.69	31.59	+1	+7	20.33	31.42	+1	+5	14.97	26.64	+1	−4
19	30.71	27.13	−2	+7	25.50	31.65	+2	+5	20.14	31.34	+2	+3	14.82	26.42	+1	−6
20	30.57	27.35	−1	+8	25.31	31.71	+2	+1	19.95	31.25	+2	0	14.68	26.19	0	−7
21	30.42	27.57	0	+8	25.12	31.77	+2	−2	19.77	31.15	+2	−3	14.53	25.96	−1	−7
22	30.27	27.78	+1	+6	24.94	31.82	+1	−4	19.58	31.05	+1	−5	14.38	25.72	−1	−5
23	30.13	27.99	+2	+3	24.75	31.86	+1	−6	19.39	30.95	0	−7	14.24	25.49	−2	−3
24	29.97	28.19	+2	0	24.56	31.90	0	−7	19.21	30.84	0	−7	14.10	25.24	−2	0
25	29.82	28.39	+2	−3	24.37	31.94	−1	−7	19.03	30.73	−1	−6	13.96	25.00	−1	+3
26	29.67	28.58	+1	−5	24.18	31.97	−1	−5	18.84	30.61	−2	−4	13.83	24.75	0	+6
27	29.51	28.77	0	−6	23.98	31.99	−2	−3	18.66	30.49	−2	−1	13.69	24.50	+1	+7
28	29.35	28.95	0	−7	23.79	32.01	−2	0	18.48	30.36	−2	+2	13.56	24.24	+2	+6
29	29.20	29.12	−1	−6	23.60	32.02	−1	+3	18.30	30.23	−1	+5	13.44	23.98	+3	+4
30	29.03	29.29	−2	−4					18.12	30.09	0	+6	13.31	23.72	+3	+1
31	28.87	29.46	−2	−2					17.95	29.95	+1	+7	13.19	23.45	+3	−3
32	28.71	29.63	−2	+1					17.77	29.80	+2	+6				

δ	sec δ	tg δ	δ	sec δ	tg δ
−82° 33′ 20″	7.718	−7.653	−82° 33′ 30″	7.721	−7.656
30	7.721	−7.656	40	7.724	−7.659

$\alpha_{1942.0} = 5^h\ 5^m\ 23^s.93$ $\delta_{1942.0} = -82°\ 33'\ 4''.52$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

8b) ξ Mensae $5^m.85$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
		—	in			—	in			—	in			—	in	
	$5^h\ 5^m$	82° 33′	$0^s.01$	$0''.01$	$5^h\ 5^m$	82° 33′	$0^s.01$	$0''.01$	$5^h\ 5^m$	82° 32′	$0^s.01$	$0''.01$	$5^h\ 5^m$	82° 32′	$0^s.01$	$0''.01$
1	13.19	23.45	+3	−3	10.55	13.95	−2	−6	10.55	63.86	−3	+3	13.15	54.98	0	+8
2	13.07	23.18	+2	−6	10.51	13.61	−3	−3	10.59	63.54	−3	+6	13.27	54.75	+1	+6
3	12.94	22.91	0	−7	10.47	13.28	−3	0	10.64	63.22	−1	+8	13.39	54.52	+2	+3
4	12.83	22.64	−1	−7	10.43	12.95	−3	+4	10.69	62.90	0	+8	13.52	54.30	+2	0
5	12.71	22.36	−3	−5	10.40	12.61	−2	+7	10.74	62.58	+1	+7	13.64	54.08	+1	−3
6	12.60	22.08	−3	−1	10.37	12.27	−1	+8	10.80	62.26	+1	+5	13.77	53.87	+1	−5
7	12.49	21.80	−3	+2	10.34	11.93	0	+8	10.86	61.94	+2	+2	13.91	53.67	0	−6
8	12.38	21.51	−3	+5	*)10.32	11.59	+1	+6	10.92	61.63	+2	−1	14.04	53.47	−1	−7
9	12.27	21.22	−1	+7	10.30	11.25	+2	+3	10.99	61.32	+1	−4	14.18	53.27	−2	−6
10	12.17	20.93	0	+8	10.28	10.91	+2	0	11.06	61.01	0	−6	14.32	53.08	−2	−4
11	12.07	20.63	+1	+7	10.26	10.57	+1	−3	11.13	60.70	0	−7	14.45	52.89	−2	−1
12	11.97	20.33	+1	+5	10.25	10.23	+1	−5	11.20	60.39	−1	−6	14.59	52.70	−2	+2
13	11.87	20.04	+2	+2	10.23	9.89	0	−6	11.27	60.09	−2	−5	14.73	52.52	−1	+4
14	11.78	19.73	+2	−1	10.23	9.55	0	−7	11.35	59.79	−2	−3	14.88	52.35	0	+6
15	11.69	19.43	+2	−3	10.22	9.21	−1	−6	11.43	59.50	−2	0	15.02	52.18	+1	+7
16	11.60	19.12	+1	−5	10.22	8.87	−1	−4	11.51	59.20	−1	+3	15.17	52.02	+2	+6
17	11.52	18.81	0	−7	10.22	8.53	−2	−2	11.60	58.92	0	+5	15.32	51.86	+3	+3
18	11.43	18.50	−1	−7	10.23	8.20	−2	+1	11.69	58.63	+1	+6	15.47	51.71	+3	0
19	11.35	18.19	−1	−6	10.24	7.86	−1	+4	11.78	58.35	+2	+6	15.62	51.56	+3	−4
20	11.27	17.87	−2	−4	10.25	7.52	0	+6	11.87	58.07	+3	+5	15.77	51.42	+2	−6
21	11.20	17.55	−2	−1	10.26	7.18	+1	+7	11.96	57.79	+3	+2	15.93	51.28	0	−8
22	11.12	17.23	−1	+2	10.27	6.85	+2	+6	12.06	57.51	+3	−2	16.08	51.15	−1	−7
23	11.05	16.91	0	+5	10.29	6.51	+3	+4	12.16	57.24	+2	−5	16.23	51.02	−2	−5
24	10.98	16.59	+1	+6	10.31	6.17	+3	+1	12.26	56.97	+1	−7	16.39	50.90	−3	−1
25	10.92	16.26	+2	+7	10.34	5.84	+3	−3	12.36	56.71	−1	−8	16.55	50.79	−3	+2
26	10.86	15.94	+3	+5	10.37	5.51	+2	−6	12.47	56.45	−2	−6	16.71	50.68	−2	+6
27	10.80	15.61	+3	+2	10.40	5.18	0	−8	12.58	56.20	−3	−3	16.87	50.58	−1	+8
28	10.74	15.28	+3	−1	10.43	4.85	−1	−7	12.69	55.95	−3	0	17.03	50.48	0	+8
29	10.69	14.95	+2	−5	10.47	4.52	−3	−5	12.80	55.70	−3	+4	17.19	50.39	+1	+7
30	10.64	14.62	+1	−7	10.51	4.19	−3	−1	12.92	55.46	−2	+7	17.35	50.30	+2	+4
31	10.60	14.28	−1	−8	10.55	3.86	−3	+3	13.03	55.22	−1	+8	17.51	50.22	+2	+1
32	10.55	13.95	−2	−6					13.15	54.98	0	+8	17.67	50.15	+2	−2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−82° 32′ 50″	7.710	−7.644	−82° 33′ 0″	7.712	−7.647	−82° 33′ 20″	7.718	−7.653
60	7.712	−7.647	10	7.715	−7.650	30	7.721	−7.656

$\alpha_{1942.0} = 5^h\ 5^m\ 23^s.93$ $\delta_{1942.0} = -82°\ 33'\ 4''.52$

*) Tag der doppelten unteren Kulmination: Juni 8.

Obere Kulmination Greenwich

8b) ξ Mensae $5^m.85$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$5^h\ 5^m$	82° 32′	$0^s.01$	$0''.01$	$5^h\ 5^m$	82° 32′	$0^s.01$	$0''.01$	$5^h\ 5^m$	82° 32′	$0^s.01$	$0''.01$	$5^h\ 5^m$	82° 33′	$0^s.01$	$0''.01$
1	$17^s.67$	$50''.15$	+2	−2	$22^s.63$	$50''.87$	0	−7	$26^s.72$	$57''.11$	−2	−2	$28^s.35$	$6''.59$	0	+5
2	17.84	50.08	+1	−5	22.79	50.99	−1	−7	26.81	57.39	−2	+1	28.36	6.93	+1	+7
3	18.00	50.02	0	−6	22.95	51.11	−2	−5	26.91	57.67	−1	+4	28.36	7.27	+2	+6
4	18.17	49.97	−1	−7	23.10	51.24	−2	−3	27.00	57.95	0	+6	28.36	7.61	+3	+5
5	18.33	49.92	−1	−6	23.25	51.38	−2	−1	27.09	58.24	+1	+7	28.35	7.94	+3	+2
6	18.50	49.88	−2	−5	23.41	51.52	−2	+2	27.18	58.53	+2	+6	28.34	8.28	+3	−2
7	18.67	49.85	−2	−2	23.55	51.67	−1	+5	27.26	58.82	+3	+4	28.33	8.62	+2	−5
8	18.84	49.82	−2	+1	23.70	51.83	0	+7	27.34	59.12	+3	0	28.32 28.30	8.96 9.30	+1 −1	−8 −8
9	19.01	49.79	−1	+4	23.85	51.99	+2	+7	27.42	59.42	+3	−3	28.28	9.64	−2	−7
10	19.18	49.78	0	+6	24.00	52.15	+3	+5	27.50	59.72	+2	−6	28.26	9.97	−3	−3
11	19.34	49.76	+1	+7	24.14	52.32	+3	+2	27.57	60.03	0	−8	28.23	10.31	−3	0
12	19.51	49.76	+2	+6	24.28	52.50	+3	−1	27.64	60.34	−1	−7	28.20	10.64	−3	+4
13	19.68	49.76	+3	+4	24.42	52.68	+2	−4	27.71	60.65	−3	−5	28.16	10.98	−2	+7
14	19.85	49.77	+3	+1	24.56	52.87	+1	−7	27.77	60.97	−3	−2	28.13	11.31	−1	+9
15	20.01	49.78	+3	−2	24.70	53.06	−1	−8	27.83	61.29	−3	+2	28.08	11.64	0	+8
16	20.18	49.81	+2	−6	24.84	53.26	−2	−7	27.89	61.61	−2	+6	28.04	11.97	+1	+6
17	20.34	49.83	+1	−7	24.97	53.47	−3	−4	27.94	61.93	−1	+8	27.99	12.30	+2	+3
18	20.51	49.87	−1	−7	25.10	53.68	−3	0	27.99	62.25	0	+8	27.95	12.63	+2	0
19	20.68	49.91	−2	−6	25.23	53.89	−3	+3	28.04	62.57	+1	+7	27.89	12.96	+1	−3
20	20.85	49.95	−3	−3	25.36	54.11	−2	+6	28.08	62.90	+2	+5	27.84	13.28	+1	−5
21	21.01	50.00	−3	+1	25.49	54.33	−1	+8	28.13	63.23	+2	+2	27.78	13.60	0	−6
22	21.18	50.06	−2	+5	25.61	54.56	0	+8	28.16	63.56	+2	−1	27.72	13.92	−1	−6
23	21.34	50.12	−1	+7	25.73	54.80	+1	+6	28.20	63.89	+1	−4	27.65	14.23	−2	−5
24	21.51	50.19	0	+8	25.85	55.03	+2	+3	28.23	64.22	0	−6	27.58	14.54	−2	−4
25	21.67	50.27	+1	+7	25.97	55.28	+2	+1	28.26	64.55	0	−7	27.51	14.85	−2	−1
26	21.83	50.35	+2	+5	26.08	55.53	+2	−2	28.28	64.89	−1	−6	27.43	15.16	−2	+2
27	21.99	50.44	+2	+2	26.19	55.78	+1	−5	28.30	65.23	−2	−5	27.35	15.47	−1	+4
28	22.15	50.54	+2	−1	26.30	56.04	0	−6	28.32	65.57	−2	−3	27.27	15.77	0	+6
29	22.31	50.64	+1	−4	26.41	56.30	−1	−7	28.33	65.91	−2	0	27.19	16.08	+2	+7
30	22.48	50.75	+1	−6	26.51	56.57	−1	−6	28.35	66.25	−1	+3	27.10	16.37	+3	+6
31	22.63	50.87	0	−7	26.62	56.84	−2	−5	28.35	66.59	0	+5	27.01	16.67	+3	+3
32					26.72	57.11	−2	−2					26.92	16.96	+4	0

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−82° 32′ 40″	7.707	−7.642	−82° 32′ 50″	7.710	−7.644	−82° 33′ 10″	7.715	−7.650
50	7.710	−7.644	60	7.712	−7.647	20	7.718	−7.653

$\alpha_{1942.0} = 5^h\ 5^m\ 23^s.93$ $\delta_{1942.0} = -82°\ 33'\ 4''.52$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

8c) ζ Octantis $5^m.38$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$9^h 5^m$	— 85° 25′	in $0^s.01$	$0''.01$	$9^h 5^m$	— 85° 26′	in $0^s.01$	$0''.01$	$9^h 5^m$	— 85° 26′	in $0^s.01$	$0''.01$	$9^h 5^m$	— 85° 26′	in $0^s.01$	$0''.01$
1	$50^s.08$	$55''.81$	+5	−3	$51^s.75$	$6''.90$	−1	−5	49.14	17.40	−3	−2	$42^s.76$	$26''.31$	−2	+8
2	50.21	56.14	+4	−4	51.73	7.28	−3	−3	48.98	17.73	−4	+1	42.51	26.54	0	+8
3	50.33	56.47	+3	−5	51.70	7.65	−4	0	48.82	18.07	−4	+4	42.26	26.76	+3	+6
4	50.45	56.80	+1	−5	51.66	8.03	−4	+3	48.66	18.40	−3	+7	42.00	26.98	+4	+3
5	50.57	57.14	−1	−4	51.62	8.41	−4	+6	48.50	18.73	−1	+8	41.75	27.20	+5	−1
6	50.68	57.48	−3	−2	51.58 / 51.53	8.78 / 9.15	−2 / 0	+8 / +8	48.33	19.05	+1	+7	41.49	27.41	+4	−5
7	50.78	57.82	−4	+1	51.47	9.52	+2	+7	48.16	19.37	+3	+5	41.23	27.61	+2	−8
8	50.88	58.16	−4	+4	51.41	9.89	+4	+4	47.98	19.69	+5	+1	40.97	27.81	0	−8
9	50.97	58.51	−3	+7	51.35	10.26	+5	0	47.79	20.01	+5	−3	40.70	28.01	−2	−7
10	51.06	58.85	−1	+8	51.28	10.63	+5	−4	47.61	20.32	+4	−6	40.44	28.20	−5	−5
11	51.14	59.21	+1	+8	51.21	11.00	+3	−7	47.42	20.63	+2	−8	40.17	28.38	−6	−2
12	51.22	59.56	+4	+6	51.13	11.37	+1	−8	47.22	20.93	−1	−8	39.90	28.56	−6	+1
13	51.29	59.91	+5	+3	51.05	11.74	−2	−7	47.03	21.23	−3	−6	39.64	28.74	−5	+4
14	51.36	60.27	+6	−1	50.97	12.11	−4	−5	46.83	21.53	−5	−4	39.36	28.91	−3	+5
15	51.43	60.63	+5	−5	50.88	12.47	−6	−2	46.63	21.83	−6	0	39.09	29.08	−1	+6
16	51.49	60.99	+2	−7	50.78	12.84	−6	+1	46.43	22.12	−6	+3	38.82	29.24	+1	+5
17	51.54	61.35	0	−8	50.68	13.20	−6	+3	46.22	22.41	−4	+5	38.54	29.40	+3	+3
18	51.59	61.71	−3	−7	50.58	13.56	−4	+5	46.01	22.70	−2	+6	38.26	29.55	+4	+1
19	51.63	62.07	−5	−5	50.47	13.91	−2	+6	45.79	22.98	0	+6	37.99	29.70	+5	−1
20	51.67	62.44	−6	−1	50.35	14.27	+1	+5	45.58	23.26	+2	+5	37.70	29.84	+5	−3
21	51.70	62.81	−6	+2	50.23	14.63	+3	+4	45.35	23.54	+4	+3	37.42	29.98	+4	−5
22	51.73	63.18	−5	+4	50.11	14.98	+4	+1	45.13	23.81	+5	0	37.14	30.12	+2	−6
23	51.75	63.55	−3	+5	49.98	15.34	+5	−1	44.91	24.08	+5	−2	36.86	30.25	0	−5
24	51.77	63.92	−1	+5	49.85	15.69	+5	−3	44.68	24.34	+4	−4	36.58	30.37	−2	−3
25	51.79	64.28	+1	+4	49.72	16.03	+4	−5	44.45	24.61	+3	−5	36.29	30.49	−4	−1
26	51.80	64.65	+3	+2	49.58	16.38	+2	−6	44.21	24.86	+1	−6	36.01	30.60	−4	+3
27	51.80	65.03	+4	0	49.44	16.72	0	−6	43.98	25.11	−1	−5	35.72	30.70	−4	+6
28	51.80	65.40	+5	−2	49.29	17.06	−2	−4	43.74	25.36	−3	−3	35.44	30.80	−3	+8
29	51.80	65.77	+4	−4	49.14	17.40	−3	−2	43.50	25.61	−4	0	35.15	30.90	0	+9
30	51.79	66.15	+3	−6					43.26	25.84	−4	+4	34.86	30.99	+2	+7
31	51.77	66.52	+1	−6					43.01	26.08	−4	+6	34.57	31.07	+4	+4
32	51.75	66.90	−1	−5					42.76	26.31	−2	+8				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 25′ 50″	12.552	−12.512	−85° 26′ 10″	12.567	−12.528	−85° 26′ 30″	12.583	−12.543
60	12.560	−12.520	20	12.575	−12.535	40	12.590	−12.551

$\alpha_{1942.0} = 9^h\ 5^m\ 30^s.07$ $\delta_{1942.0} = -85°\ 26'\ 2''.42$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sc) ζ Octantis $5^m.38$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$9^h\ 5^m$	85° 26′	$0.^s01$	$0.''01$	$9^h\ 5^m$	85° 26′	$0.^s01$	$0.''01$	$9^h\ 5^m$	85° 26′	$0.^s01$	$0.''01$	$9^h\ 5^m$	85° 26′	$0.^s01$	$0.''01$
1	$34.^s57$	$31.''07$	+4	+4	$25.^s83$	$31.''09$	+2	−8	$18.^s88$	$26.''46$	−5	−6	$14.^s93$	$18.''06$	−5	+5
2	34.28	31.15	+5	0	25.57	31.01	−1	−9	18.69	26.24	−6	−3	14.87	17.76	−3	+6
3	33.99	31.23	+5	−4	25.30	30.92	−3	−8	18.50	26.01	−7	0	14.81	17.45	0	+5
4	33.70	31.30	+3	−7	25.04	30.82	−5	−5	18.32	25.78	−6	+3	14.77	17.14	+2	+4
5	33.41	31.37	+1	−9	24.78	30.72	−7	−2	18.15	25.55	−4	+5	14.72	16.83	+3	+1
6	33.13	31.43	−2	−8	24.52	30.62	−6	+1	17.97	25.31	−2	+5	14.68	16.51	+4	−1
7	32.84	31.48	−4	−6	24.27	30.51	−5	+4	17.81	25.07	0	+5	14.65	16.20	+4	−4
8	32.55	31.53	−6	−3	24.01	30.39	−3	+5	17.64	24.82	+2	+3	*)14.62	15.88	+4	−5
9	32.26	31.57	−6	0	23.76	30.27	−1	+5	17.48	24.57	+4	+1	14.60	15.56	+3	−6
10	31.98	31.61	−6	+3	23.51	30.15	+1	+4	17.33	24.31	+5	−2	14.58	15.24	+1	−6
11	31.69	31.64	−4	+5	23.26	30.02	+3	+2	17.18	24.06	+4	−4	14.56	14.92	−1	−5
12	31.40	31.67	−2	+5	23.02	29.89	+4	0	17.03	23.80	+3	−5	14.55	14.61	−3	−3
13	31.11	31.69	0	+5	22.77	29.75	+5	−2	16.88	23.54	+2	−6	14.55	14.29	−4	0
14	30.83	31.71	+2	+4	22.53	29.61	+4	−4	16.74	23.27	0	−6	14.55	13.97	−4	+3
15	30.54	31.72	+4	+2	22.30	29.46	+3	−5	16.60	23.00	−1	−4	14.55	13.65	−4	+6
16	30.26	31.73	+5	0	22.06	29.31	+2	−6	16.47	22.73	−3	−2	14.56	13.34	−2	+8
17	29.97	31.73	+5	−3	21.83	29.15	0	−5	16.34	22.46	−4	+1	14.58	13.02	0	+9
18	29.69	31.72	+4	−4	21.60	28.98	−2	−3	16.22	22.18	−4	+5	14.60	12.71	+3	+7
19	29.41	31.71	+3	−5	21.37	28.81	−3	0	16.10	21.90	−3	+8	14.62	12.39	+5	+4
20	29.13	31.69	+1	−6	21.15	28.64	−4	+3	15.98	21.61	−1	+9	14.65	12.07	+6	+1
21	28.85	31.67	−1	−4	20.93	28.46	−3	+6	15.87	21.33	+2	+9	14.68	11.76	+5	−3
22	28.57	31.65	−3	−2	20.71	28.28	−2	+9	15.76	21.04	+4	+7	14.72	11.44	+4	−6
23	28.28	31.62	−4	+1	20.49	28.10	0	+9	15.65	20.76	+6	+3	14.76	11.12	+1	−7
24	28.01	31.58	−4	+5	20.28	27.91	+3	+8	15.55	20.47	+6	−1	14.81	10.81	−2	−7
25	27.73	31.54	−3	+8	20.07	27.72	+5	+5	15.46	20.17	+5	−5	14.86	10.50	−4	−5
26	27.45	31.49	−1	+9	19.86	27.52	+6	+1	15.37	19.88	+3	−7	14.92	10.19	−6	−2
27	27.18	31.44	+1	+9	19.66	27.31	+6	−3	15.28	19.58	0	−8	14.99	9.88	−6	+1
28	26.91	31.38	+4	+7	19.46	27.11	+4	−7	15.20	19.28	−3	−7	15.06	9.57	−6	+4
29	26.63	31.32	+5	+3	19.26	26.90	+1	−8	15.13	18.98	−5	−4	15.13	9.26	−4	+6
30	26.37	31.25	+6	−1	19.07	26.68	−2	−8	15.06	18.67	−7	−1	15.21	8.95	−1	+6
31	26.10	31.17	+5	−5	18.88	26.46	−5	−6	14.99	18.37	−6	+2	15.29	8.65	+1	+5
32	25.83	31.09	+2	−8					14.93	18.06	−5	+5	15.37	8.34	+3	+3

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 26′ 0″	12.560	−12.520	−85° 26′ 10″	12.567	−12.528	−85° 26′ 30″	12.583	−12.543
10	12.567	−12.528	20	12.575	−12.535	40	12.590	−12.551

$\alpha_{1942.0} = 9^h\ 5^m\ 30.^s07$ $\delta_{1942.0} = -85°\ 26'\ 2.''42$

*) Tag der doppelten unteren Kulmination: Aug. 8.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sc) ζ Octantis $5^m_.38$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$9^h\ 5^m$	$-85°\ 26'$	in $0^s_.01$	in $0''_.01$	$9^h\ 5^m$	$-85°\ 25'$	in $0^s_.01$	in $0''_.01$	$9^h\ 5^m$	$-85°\ 25'$	in $0^s_.01$	in $0''_.01$	$9^h\ 5^m$	$-85°\ 25'$	in $0^s_.01$	in $0''_.01$
1	15.37	8.34	+3	+3	20.02	60.67	+5	−4	27.81	57.30	−1	−5	35.77	59.83	−4	+2
2	15.46	8.04	+4	0	20.23	60.47	+4	−5	28.08	57.29	−2	−3	36.01	60.01	−4	+5
3	15.56	7.75	+5	−2	20.45	60.29	+2	−6	28.36	57.28	−4	0	36.25	60.19	−3	+8
4	15.66	7.45	+4	−5	20.67	60.10	0	−6	28.63	57.29	−4	+3	36.48	60.39	−1	+9
5	15.77	7.16	+3	−6	20.90	59.92	−1	−5	28.90	57.30	−4	+6	36.71	60.58	+2	+9
6	15.88	6.87	+2	−6	21.12	59.75	−3	−2	29.18	57.32	−2	+8	36.94	60.79	+4	+7
7	16.00	6.58	0	−6	21.36	59.58	−4	+1	29.45	57.34	0	+9	37.17	61.00	+6	+3
8	16.12	6.30	−2	−4	21.59	59.42	−4	+4	29.73	57.37	+3	+8	37.39	61.22	+6	−1
9	16.24	6.01	−4	−1	21.82	59.26	−3	+7	30.00	57.40	+4	+5	37.62	61.44	+5	−5
10	16.37	5.73	−4	+2	22.06	59.11	−2	+8	30.28	57.45	+6	+1	37.83	61.66	+3	−8
11	16.51	5.45	−4	+5	22.30	58.97	+1	+8	30.55	57.50	+5	−3	38.05	61.89	0	−9
12	16.64	5.18	−3	+7	22.54	58.83	+3	+6	30.82	57.55	+4	−7	38.26	62.13	−3	−7
13	16.79	4.91	−1	+8	22.79	58.69	+5	+3	31.10	57.61	+1	−8	38.47	62.37	−5	−5
14	16.93	4.64	+2	+8	23.03	58.56	+6	−1	31.37	57.68	−2	−8	38.67	62.61	−7	−1
15	17.08	4.37	+4	+5	23.28	58.44	+5	−5	31.63	57.76	−4	−6	38.87	62.86	−6	+2
16	17.24	4.11	+6	+2	23.54	58.32	+3	−7	31.90	57.84	−6	−3	39.07	63.12	−5	+4
17	17.40	3.85	+6	−2	23.79	58.21	0	−8	32.17	57.93	−6	0	39.26	63.38	−3	+5
18	17.56	3.60	+4	−5	24.05	58.11	−2	−7	32.44	58.02	−6	+3	39.45	63.65	0	+5
19	17.72	3.35	+2	−7	24.31	58.01	−5	−5	32.71	58.12	−4	+5	39.64	63.92	+2	+4
20	17.89	3.10	−1	−7	24.57	57.91	−6	−1	32.97	58.23	−2	+6	39.82	64.19	+3	+1
21	18.07	2.86	−3	−6	24.83	57.83	−6	+2	33.24	58.34	+1	+5	40.00	64.47	+4	−1
22	18.24	2.62	−5	−3	25.09	57.75	−5	+5	33.50	58.46	+2	+3	40.17	64.75	+4	−3
23	18.43	2.39	−6	0	25.36	57.67	−3	+6	33.76	58.59	+4	+1	40.34	65.04	+4	−5
24	18.61	2.16	−6	+3	25.62	57.60	−1	+6	34.02	58.72	+5	−2	40.50	65.33	+2	−6
25	18.80	1.93	−4	+5	25.89	57.54	+1	+5	34.27	58.86	+4	−4	40.66	65.63	+1	−6
26	19.00	1.71	−2	+6	26.16	57.49	+3	+3	34.53	59.01	+3	−5	40.82	65.93	−1	−5
27	19.20	1.49	0	+6	26.44	57.44	+4	0	34.78	59.16	+2	−6	40.97	66.23	−2	−3
28	19.40	1.28	+2	+4	26.71	57.40	+5	−2	35.03	59.32	0	−6	41.12	66.54	−4	0
29	19.60	1.07	+4	+1	26.99	57.36	+4	−5	35.28	59.48	−1	−4	41.26	66.85	−4	+4
30	19.81	0.87	+5	−1	27.26	57.33	+3	−6	35.53	59.65	−3	−1	41.40	67.16	−3	+7
31	20.02	0.67	+5	−4	27.54	57.31	+1	−6	35.77	59.83	−4	+2	41.54	67.48	−2	+9
32					27.81	57.30	−1	−5					41.67	67.80	+1	+10

δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 25′ 50″	12.552	−12.512	−85° 26′ 0″	12.560	−12.520
60	12.560	−12.520	10	12.567	−12.528

$\alpha_{1942.0} = 9^h\ 5^m\ 30^s_.07$ $\delta_{1942.0} = -85°\ 26'\ 2''_.42$

Sd) ι Octantis $5^m.38$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	12^h48^m	−84° 48′	in 0.01 s	in 0.01 "	12^h48^m	−84° 48′	in 0.01 s	in 0.01 "	12^h48^m	−84° 48′	in 0.01 s	in 0.01 "	12^h48^m	−84° 48′	in 0.01 s	in 0.01 "
	s	"			s	"			s	"			s	"		
1	45.79	8.62	+4	+3	53.33	13.70	+3	−4	58.28	22.12	+2	−5	60.76	33.53	−6	+1
2	46.05	8.69	+5	+1	53.55	13.95	+1	−5	58.41	22.47	−1	−5	60.78	33.91	−6	+4
3	46.31	8.77	+5	−1	53.76	14.20	−2	−5	58.54	22.82	−3	−4	60.80	34.29	−5	+6
4	46.57	8.86	+4	−3	53.97	14.46	−4	−3	58.67	23.17	−5	−1	60.82 60.83	34.66 35.04	−2 +1	+7 +7
5	46.83	8.95	+2	−4	54.17	14.72	−6	0	58.79	23.52	−6	+2	60.84	35.42	+3	+4
6	47.09	9.05	0	−5	54.38	14.99	−6	+3	58.91	23.88	−6	+5	60.85	35.79	+5	+1
7	47.34	9.16	−3	−4	54.58	15.26	−5	+6	59.02	24.23	−4	+7	60.85	36.16	+6	−3
8	47.60	9.27	−5	−1	54.78	15.53	−3	+8	59.13	24.59	−1	+7	60.85	36.53	+5	−6
9	47.85	9.39	−6	+2	54.98	15.81	0	+8	59.24	24.95	+2	+6	60.84	36.90	+3	−8
10	48.11	9.52	−6	+5	55.17	16.09	+2	+6	59.35	25.31	+4	+4	60.83	37.27	+1	−9
11	48.36	9.65	−5	+7	55.36	16.38	+5	+3	59.45	25.68	+6	0	60.81	37.64	−2	−8
12	48.61	9.79	−2	+8	55.55	16.67	+6	−1	59.55	26.04	+6	−3	60.79	38.01	−4	−5
13	48.86	9.93	+1	+8	55.74	16.97	+5	−5	59.64	26.41	+5	−6	60.77	38.38	−5	−2
14	49.12	10.08	+4	+5	55.92	17.26	+4	−7	59.73	26.78	+3	−8	60.75	38.75	−5	+1
15	49.36	10.24	+6	+1	56.10	17.57	+1	−8	59.82	27.15	0	−8	60.72	39.11	−4	+3
16	49.61	10.40	+6	−3	56.28	17.87	−1	−8	59.91	27.52	−2	−7	60.69	39.48	−3	+5
17	49.86	10.56	+5	−6	56.45	18.18	−3	−6	59.99	27.89	−4	−4	60.65	39.84	−1	+6
18	50.10	10.73	+3	−9	56.62	18.49	−5	−3	60.07	28.26	−5	−1	60.61	40.20	+1	+6
19	50.34	10.91	+1	−9	56.79	18.81	−5	0	60.14	28.63	−5	+2	60.57	40.56	+3	+5
20	50.59	11.09	−2	−8	56.95	19.13	−4	+3	60.21	29.01	−4	+4	60.53	40.92	+5	+3
21	50.82	11.28	−4	−5	57.11	19.45	−3	+5	60.27	29.39	−2	+6	60.48	41.27	+5	+1
22	51.06	11.48	−5	−2	57.27	19.77	−1	+6	60.33	29.76	0	+6	60.43	41.63	+5	−1
23	51.30	11.68	−5	+1	57.42	20.10	+1	+6	60.39	30.14	+2	+6	60.37	41.98	+3	−4
24	51.54	11.88	−4	+3	57.58	20.43	+3	+5	60.45	30.52	+4	+4	60.31	42.33	+1	−4
25	51.77	12.09	−2	+5	57.72	20.77	+4	+3	60.50	30.90	+5	+2	60.25	42.67	−2	−4
26	52.00	12.31	0	+6	57.87	21.10	+5	+1	60.55	31.27	+5	0	60.19	43.02	−4	−3
27	52.23	12.53	+2	+5	58.01	21.44	+5	−2	60.60	31.65	+4	−3	60.12	43.36	−6	0
28	52.45	12.75	+4	+4	58.15	21.78	+4	−4	60.64	32.03	+2	−4	60.05	43.70	−7	+3
29	52.68	12.98	+5	+2	58.28	22.12	+2	−5	60.68	32.41	0	−5	59.97	44.04	−6	+6
30	52.90	13.22	+5	0					60.71	32.78	−3	−4	59.89	44.37	−4	+7
31	53.12	13.46	+4	−3					60.74	33.16	−5	−2	59.81	44.70	−1	+7
32	53.33	13.70	+3	−4					60.76	33.53	−6	+1				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−84° 48′ 0″	11.034	−10.988	−84° 48′ 20″	11.045	−11.000	−84° 48′ 40″	11.057	−11.012
10	11.039	−10.994	30	11.051	−11.006	50	11.063	−11.018

$\alpha_{1942.0} = 12^h\ 48^m\ 40^s.08$ $\delta_{1942.0} = -84°\ 48'\ 32''.19$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sd) ι Octantis $5^m.38$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
		—	in			—	in			—	in			—	in	
	$12^h 48^m$	$84° 48'$	$0^s.01$	$0''.01$	$12^h 48^m$	$84° 48'$	$0^s.01$	$0''.01$	$12^h 48^m$	$84° 48'$	$0^s.01$	$0''.01$	$12^h 48^m$	$84° 48'$	$0^s.01$	$0''.01$
1	$59^s.81$	$44''.70$	−1	+7	$55^s.80$	$53''.38$	+7	−3	$49^s.87$	$57''.70$	+2	−10	$43^s.11$	$56''.95$	−5	−2
2	59.73	45.03	+2	+6	55.63	53.60	+6	−7	49.66	57.76	−1	−9	42.90	56.84	−5	+1
3	59.64	45.36	+5	+3	55.46	53.81	+4	−9	49.44	57.81	−3	−7	42.69	56.72	−3	+3
4	59.55	45.69	+6	−1	55.29	54.02	+1	−10	49.22	57.86	−5	−4	42.49	56.60	−1	+5
5	59.46	46.01	+6	−5	55.11	54.22	−2	−8	49.00	57.91	−5	−1	42.28	56.47	+1	+5
6	59.36	46.33	+4	−8	54.93	54.42	−4	−6	48.78	57.95	−4	+2	42.08	56.33	+3	+4
7	59.26	46.64	+2	−9	54.75	54.61	−5	−2	48.56	57.98	−3	+4	41.88	56.19	+4	+2
8	59.15	46.96	−1	−9	54.56	54.80	−5	+1	48.34	58.01	0	+5	41.69	56.04	+5	0
9	59.05	47.26	−3	−7	54.37	54.98	−4	+3	48.11	58.03	+2	+5	41.49	55.89	+5	−2
10	58.93	47.57	−4	−4	54.18	55.16	−2	+5	47.89	58.04	+4	+4	41.29	55.73	+4	−4
11	58.82	47.87	−5	−1	53.99	55.34	0	+5	47.67	58.05	+5	+2	41.10	55.57	+2	−5
12	58.71	48.17	−4	+2	53.80	55.51	+2	+5	47.45	58.06	+5	0	40.91	55.41	0	−5
13	58.59	48.47	−3	+4	53.61	55.67	+4	+4	47.22	58.05	+5	−2	40.72	55.24	−2	−4
14	58.47	48.77	−1	+5	53.41	55.83	+5	+2	47.00	58.05	+4	−4	40.53	55.06	−4	−2
15	58.35	49.06	+1	+5	53.21	55.98	+5	0	46.78	58.03	+2	−5	40.35	54.88	−6	+1
16	58.22	49.34	+3	+5	53.01	56.13	+4	−2	46.56	58.01	0	−5	40.17	54.70	−6	+4
17	58.09	49.63	+4	+3	52.81	56.27	+3	−4	46.34	57.99	−3	−3	39.99	54.51	−5	+7
18	57.95	49.90	+5	+1	52.61	56.41	+1	−4	46.12	57.96	−5	−1	39.81	54.31	−3	+8
19	57.82	50.18	+5	−1	52.41	56.54	−2	−4	45.90	57.92	−6	+2	39.64	54.11	0	+8
20	57.67	50.45	+4	−3	52.20	56.66	−4	−2	45.68	57.88	−6	+6	39.47	53.91	+2	+7
21	57.53	50.71	+2	−4	51.99	56.78	−6	+1	45.46	57.83	−5	+8	39.29	53.70	+5	+4
22	57.39	50.97	0	−4	51.79	56.90	−7	+4	45.24	57.78	−2	+9	39.13	53.49	+6	0
23	57.24	51.23	−3	−3	51.58	57.01	−6	+7	45.02	57.73	+1	+8	38.96	53.27	+5	−4
24	57.09	51.49	−5	−1	51.37	57.12	−4	+9	44.81	57.66	+4	+6	38.80	53.05	+4	−7
25	56.94	51.74	−6	+2	51.16	57.22	−1	+9	44.59	57.59	+5	+2	38.64	52.82	+1	−8
26	56.78	51.99	−6	+5	50.95	57.31	+2	+7	44.38	57.52	+6	−2	38.49	52.59	−1	−8
27	56.63	52.23	−5	+8	50.73	57.40	+5	+4	44.16	57.44	+5	−6	38.34	52.36	−4	−6
28	56.47	52.47	−2	+9	50.52	57.48	+6	−1	43.95	57.35	+3	−9	38.19	52.12	−5	−3
29	56.30	52.70	+1	+8	50.31	57.56	+6	−5	43.74	57.26	0	−9	38.05	51.88	−5	0
30	56.14	52.93	+4	+5	50.09	57.63	+4	−8	43.53	57.16	−2	−8	37.91	51.63	−4	+3
31	55.97	53.16	+6	+1	49.87	57.70	+2	−10	43.32	57.06	−4	−5	37.77	51.39	−2	+5
32	55.80	53.38	+7	−3					43.11	56.95	−5	−2	37.63	51.13	0	+5

δ	sec δ	tg δ	δ	sec δ	tg δ
−84° 48′ 40″	11.057	−11.012	−84° 48′ 50″	11.063	−11.018
50	11.063	−11.018	60	11.069	−11.024

$\alpha_{1942.0} = 12^h\ 48^m\ 40^s.08$ $\delta_{1942.0} = -84°\ 48'\ 32''.19$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sd) ι Octantis $5^m.38$

Tag	September AR.	Dekl.	☾ Glieder		Oktober AR.	Dekl.	☾ Glieder		November AR.	Dekl.	☾ Glieder		Dezember AR.	Dekl.	☾ Glieder	
	12^h48^m	−84° 48′	in $0^s.01$	in $0''.01$	12^h48^m	−84° 48′	in $0^s.01$	in $0''.01$	12^h48^m	−84° 48′	in $0^s.01$	in $0''.01$	12^h48^m	−84° 48′	in $0^s.01$	in $0''.01$
	s	"			s	"			s	"			s	"		
1	37.63	51.13	0	+5	35.35	42.36	+5	+2	37.17	33.08	+3	−4	42.64	27.09	−3	−3
2	37.50	50.88	+2	+5	35.34	42.05	+5	0	37.30	32.82	+1	−5	42.87	26.97	−6	0
3	37.37	50.62	+4	+3	35.33	41.74	+5	−2	37.43	32.56	−2	−4	43.10	26.86	−6	+3
4	37.25	50.36	+5	+1	*)35.33	41.42	+4	−4	37.57	32.30	−4	−2	43.33	26.75	−7	+6
5	37.12	50.09	+5	−1	35.34	41.11	+2	−5	37.71	32.05	−6	0	43.57	26.65	−5	+8
6	37.01	49.82	+5	−3	35.35	40.80	0	−5	37.86	31.80	−6	+4	43.81	26.56	−2	+9
7	36.89	49.55	+3	−5	35.36	40.48	−3	−4	38.01	31.55	−6	+6	44.05	26.47	+1	+8
8	36.78	49.27	+1	−5	35.38	40.17	−5	−2	38.16	31.31	−4	+8	44.29	26.39	+4	+5
9	36.67	48.99	−1	−5	35.40	39.85	−6	+1	38.32	31.07	−1	+8	44.53	26.31	+6	+1
10	36.57	48.71	−3	−3	35.43	39.54	−6	+4	38.47	30.83	+2	+6	44.77	26.24	+6	−3
11	36.47	48.43	−5	−1	35.46	39.22	−5	+7	38.64	30.60	+5	+3	45.02	26.17	+5	−7
12	36.37	48.15	−6	+2	35.49	38.91	−2	+8	38.81	30.38	+6	−1	45.26	26.12	+3	−9
13	36.28	47.86	−6	+5	35.53	38.60	+1	+7	38.98	30.16	+6	−5	45.51	26.07	0	−10
14	36.19	47.57	−4	+7	35.58	38.29	+3	+5	39.15	29.95	+4	−8	45.76	26.02	−2	−8
15	36.11	47.28	−1	+8	35.63	37.99	+5	+2	39.34	29.74	+2	−9	46.01	25.98	−4	−5
16	36.03	46.98	+2	+7	35.68	37.68	+6	−2	39.52	29.54	−1	−9	46.26	25.95	−5	−2
17	35.96	46.68	+4	+4	35.74	37.38	+5	−6	39.71	29.34	−3	−7	46.52	25.93	−5	+1
18	35.89	46.38	+6	+1	35.81	37.08	+3	−8	39.90	29.14	−5	−4	46.77	25.91	−3	+3
19	35.82	46.08	+6	−3	35.88	36.78	+1	−9	40.09	28.95	−5	0	47.03	25.89	−1	+4
20	35.76	45.78	+4	−6	35.95	36.48	−2	−8	40.29	28.76	−4	+2	47.28	25.89	+1	+5
21	35.70	45.48	+2	−8	36.02	36.18	−4	−5	40.48	28.58	−3	+4	47.53	25.89	+3	+4
22	35.65	45.17	−1	−8	36.10	35.88	−5	−2	40.69	28.41	−1	+5	47.79	25.89	+4	+2
23	35.60	44.87	−3	−6	36.19	35.59	−5	+1	40.89	28.24	+1	+5	48.05	25.90	+5	0
24	35.55	44.56	−5	−4	36.28	35.30	−4	+4	41.10	28.07	+3	+4	48.31	25.92	+5	−2
25	35.51	44.25	−5	−1	36.37	35.01	−2	+5	41.31	27.92	+5	+2	48.57	25.95	+4	−3
26	35.47	43.94	−5	+2	36.47	34.73	0	+5	41.53	27.77	+5	0	48.83	25.98	+3	−4
27	35.44	43.63	−3	+4	36.58	34.45	+2	+5	41.75	27.62	+5	−2	49.09	26.02	0	−5
28	35.41	43.31	−1	+5	36.69	34.17	+4	+3	41.97	27.48	+4	−4	49.35	26.06	−2	−4
29	35.38	42.99	+1	+5	36.80	33.89	+5	+1	42.19	27.34	+2	−5	49.61	26.11	−5	−2
30	35.36	42.68	+3	+4	36.92	33.62	+5	−1	42.41	27.21	−1	−4	49.88	26.17	−6	+1
31	35.35	42.36	+5	+2	37.04	33.35	+5	−3	42.64	27.09	−3	−3	50.14	26.23	−7	+5
32					37.17	33.08	+3	−4					50.39	26.30	−6	+8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−84° 48′ 20″	11.045	−11.000	−84° 48′ 30″	11.051	−11.006	−84° 48′ 50″	11.063	−11.018
30	11.051	−11.006	40	11.057	−11.012	60	11.069	−11.024

$\alpha_{1942.0} = 12^h\ 48^m\ 40^s.08$ $\delta_{1942.0} = -84°\ 48'\ 32''.19$

*) Tag der doppelten unteren Kulmination: Okt. 4.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Se) 20 G. Octantis $6^m.52$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder in		Februar AR.	Februar Dekl.	Februar ☾ Glieder in		März AR.	März Dekl.	März ☾ Glieder in		April AR.	April Dekl.	April ☾ Glieder in	
	$14^h 57^m$	$-87° 54'$	$0^s.01$	$0''.01$	$14^h 57^m$	$-87° 54'$	$0^s.01$	$0''.01$	$14^h 58^m$	$-87° 54'$	$0^s.01$	$0''.01$	$14^h 58^m$	$-87° 54'$	$0^s.01$	$0''.01$
1	22.96	34.19	+6	+6	43.09	33.12	+9	−2	1.32	36.75	+7	−4	17.45	44.74	−13	−3
2	23.56	34.07	+9	+4	43.77	33.18	+5	−5	1.92	36.95	+2	−5	17.86	45.05	−16	0
3	24.16	33.95	+11	+2	44.44	33.24	0	−6	2.52	37.16	−4	−6	18.27	45.36	−14	+3
4	24.77	33.84	+10	0	45.12	33.31	−6	−5	3.12	37.37	−10	−5	18.67	45.67	−10	+5
5	25.38	33.74	+8	−3	45.79	33.38	−12	−4	3.71	37.58	−14	−2	19.06	45.98	−3	+7
6	26.00	33.64	+3	−5	46.46	33.46	−15	−1	4.30	37.80	−15	+1	19.44	46.30	+4	+6
7	26.62	33.55	−3	−5	47.14	33.55	−15	+2	4.88	38.02	−13	+4	19.81	46.62	+11	+5
8	27.25	33.47	−10	−5	47.81	33.64	−12	+5	5.46	38.25	−8	+6	20.18	46.94	+15	+1
9	27.88	33.39	−15	−2	48.47	33.74	−6	+7	6.03	38.48	−1	+7	20.54	47.27	+16	−2
10	28.51	33.31	−17	+1	49.14	33.84	+1	+7	6.59	38.71	+6	+6	20.89	47.60	+14	−6
11	29.15	33.24	−16	+4	49.81	33.95	+8	+6	7.15	38.95	+12	+4	21.23	47.93	+9	−8
12	29.79	33.18	−11	+7	50.47	34.06	+13	+3	7.70	39.19	+15	0	21.56	48.26	+3	−8
13	30.43	33.12	−4	+8	51.14	34.18	+15	−1	8.25	39.44	+15	−3	21.89	48.59	−3	−7
14	31.08	33.07	+4	+7	51.79	34.30	+14	−5	8.80	39.69	+12	−6	22.20	48.92	−8	−5
15	31.73	33.02	+11	+5	52.45	34.43	+9	−7	9.34	39.94	+6	−8	22.51	49.25	−11	−2
16	32.39	32.98	+15	+1	53.10	34.57	+4	−8	9.87	40.20	0	−8	22.81	49.59	−11	0
17	33.04	32.95	+16	−3	53.75	34.70	−2	−8	10.39	40.46	−6	−7	23.10	49.93	−9	+3
18	33.70	32.92	+13	−6	54.40	34.85	−7	−6	10.91	40.72	−10	−4	23.39	50.27	−6	+5
19	34.36	32.89	+8	−8	55.05	35.00	−10	−3	11.42	40.99	−11	−1	23.66	50.61	−1	+6
20	35.02	32.88	+2	−9	55.69	35.15	−11	0	11.93	41.26	−11	+2	23.92	50.95	+3	+7
21	35.69	32.87	−4	−8	56.33	35.31	−10	+3	12.42	41.53	−8	+4	24.17	51.29	+7	+6
22	36.36	32.86	−9	−5	56.97	35.47	−7	+5	12.92	41.81	−4	+6	24.42	51.64	+10	+4
23	37.04	32.86	−11	−2	57.60	35.64	−2	+6	13.40	42.09	0	+7	24.66	51.98	+11	+2
24	37.71	32.86	−10	+1	58.23	35.81	+3	+7	13.88	42.37	+5	+7	24.89	52.33	+9	−1
25	38.39	32.88	−8	+4	58.86	35.99	+7	+6	14.35	42.65	+9	+5	25.11	52.67	+6	−3
26	39.07	32.89	−4	+6	59.48	36.17	+11	+4	14.82	42.94	+11	+3	25.32	53.02	0	−5
27	39.74	32.92	0	+6	60.10	36.36	+12	+2	15.27	43.23	+11	0	25.52	53.37	−7	−5
28	40.41	32.95	+5	+6	60.71	36.55	+11	−1	15.72	43.53	+9	−2	25.71	53.71	−12	−4
29	41.08	32.98	+9	+5	61.32	36.75	+7	−4	16.17	43.82	+4	−5	25.90	54.06	−16	−1
30	41.75	33.02	+11	+3					16.60	44.13	−2	−6	26.07	54.42	−16	+2
31	42.42	33.07	+11	0					17.03	44.43	−8	−5	26.23	54.77	−13	+5
32	43.09	33.12	+9	−2					17.45	44.74	−13	−3				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 54′ 30″	27.398	−27.380	−87° 54′ 40″	27.435	−27.417	−87° 54′ 50″	27.471	−27.453
40	27.435	−27.417	50	27.471	−27.453	60	27.508	−27.490

$\alpha_{1942.0} = 14^h\ 57^m\ 33^s.81$ $\delta_{1942.0} = -87°\ 54'\ 58''.57$

Se) 20 G. Octantis $6^{m}.52$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$14^{h}58^{m}$	87° 54′	$0^{s}.01$	$0''.01$	$14^{h}58^{m}$	87° 55′	$0^{s}.01$	$0''.01$	$14^{h}58^{m}$	87° 55′	$0^{s}.01$	$0''.01$	$14^{h}57^{m}$	87° 55′	$0^{s}.01$	$0''.01$
1	$26^{s}.23$	$54''.77$	−13	+5	$26^{s}.49$	$5''.71$	+16	+1	$18^{s}.27$	$14''.04$	+12	−8	$63^{s}.28$	$18''.65$	−9	−5
2	26.38	55.12	−7	+7	26.34	6.03	+17	−3	17.87	14.26	+5	−10	62.72	18.71	−11	−2
3	26.53	55.47	+1	+7	26.19	6.35	+14	−7	17.47	14.48	−1	−9	62.17	18.77	−10	+1
4	26.67	55.82	+9	+6	26.02	6.67	+9	−9	17.06	14.70	−7	−7	61.62	18.82	−6	+4
5	26.79	56.17	+15	+3	25.84	6.98	+2	−9	16.64	14.90	−10	−4	61.06	18.87	−2	+5
6	26.91	56.52	+17	−1	25.66	7.29	−4	−8	16.21	15.11	−10	−1	60.50	18.91	+3	+6
7	27.02 27.12	56.87 57.22	+16 +12	−5 −8	25.47	7.60	−8	−6	15.78	15.31	−8	+2	59.95	18.95	+7	+5
8	27.20	57.57	+6	−9	25.26	7.90	−10	−2	15.35	15.50	−5	+4	59.38	18.98	+11	+4
9	27.28	57.92	−1	−8	25.05	8.20	−10	+1	14.90	15.69	0	+6	58.82	19.00	+12	+2
10	27.35	58.27	−6	−7	24.83	8.50	−7	+3	14.45	15.87	+4	+6	58.25	19.02	+12	−1
11	27.41	58.62	−10	−4	24.60	8.80	−3	+5	14.00	16.05	+8	+5	57.69	19.03	+9	−3
12	27.46	58.97	−11	−1	24.37	9.09	+1	+6	13.54	16.23	+11	+4	57.12	19.03	+4	−5
13	27.51	59.32	−10	+2	24.12	9.39	+5	+6	13.07	16.40	+12	+1	56.55	19.03	−1	−6
14	27.54	59.67	−7	+4	23.87	9.67	+9	+5	12.60	16.56	+11	−1	55.99	19.03	−8	−5
15	27.56	60.01	−3	+6	23.60	9.96	+11	+3	12.12	16.72	+7	−3	55.42	19.02	−13	−3
16	27.58	60.36	+1	+6	23.33	10.24	+11	+1	11.63	16.88	+2	−5	54.85	19.00	−16	0
17	27.58	60.70	+6	+6	23.05	10.52	+9	−2	11.14	17.03	−4	−5	54.29	18.98	−16	+3
18	27.58	61.05	+9	+5	22.76	10.79	+5	−4	10.65	17.17	−10	−4	53.72	18.95	−13	+6
19	27.56	61.39	+11	+3	22.46	11.06	−1	−5	10.15	17.31	−15	−2	53.16	18.91	−7	+8
20	27.54	61.73	+10	0	22.15	11.33	−8	−5	9.64	17.45	−18	+1	52.60	18.87	0	+8
21	27.50	62.07	+7	−2	21.84	11.60	−13	−3	9.13	17.58	−17	+5	52.03	18.82	+7	+7
22	27.46	62.41	+2	−4	21.52	11.86	−17	0	8.62	17.71	−12	+7	51.47	18.77	+12	+3
23	27.41	62.75	−4	−5	21.19	12.12	−18	+3	8.10	17.83	−5	+8	50.91	18.71	+15	−1
24	27.34	63.09	−11	−4	20.85	12.37	−15	+6	7.58	17.94	+3	+8	50.36	18.65	+13	−4
25	27.27	63.42	−16	−2	20.51	12.62	−9	+8	7.06	18.05	+10	+5	49.80	18.58	+9	−7
26	27.19	63.75	−18	+1	20.16	12.87	0	+8	6.53	18.15	+15	+2	49.25	18.50	+3	−9
27	27.10	64.08	−16	+4	19.79	13.11	+8	+7	6.00	18.25	+15	−3	48.70	18.42	−3	−8
28	26.99	64.41	−12	+7	19.42	13.35	+14	+3	5.46	18.34	+13	−6	48.15	18.33	−8	−6
29	26.88	64.74	−4	+8	19.05	13.58	+17	−1	4.92	18.42	+7	−9	47.60	18.24	−11	−3
30	26.76	65.07	+5	+7	18.66	13.81	+16	−5	4.37	18.50	+1	−9	47.05	18.14	−11	0
31	26.63	65.39	+12	+5	18.27	14.04	+12	−8	3.82	18.58	−5	−8	46.51	18.04	−8	+3
32	26.49	65.71	+16	+1					3.28	18.65	−9	−5	45.97	17.93	−4	+5

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 54′ 50″	27.471	−27.453	−87° 55′ 0″	27.508	−27.490	−87° 55′ 10″	27.545	−27.527
60	27.508	−27.490	10	27.545	−27.527	20	27.582	−27.563

$\alpha_{1942.0} = 14^{h}\ 57^{m}\ 33^{s}.81$ $\delta_{1942.0} = -87°\ 54'\ 58''.57$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Se) 20 G. Octantis $6^m.52$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in	
	$14^h 57^m$	$-87° 55'$	$0^s.01$	$0''.01$	$14^h 57^m$	$-87° 55'$	$0^s.01$	$0''.01$	$14^h 57^m$	$-87° 54'$	$0^s.01$	$0''.01$	$14^h 57^m$	$-87° 54'$	$0^s.01$	$0''.01$
1	45.97	17.93	−4	+5	32.40	12.26	+8	+5	26.76	63.11	+10	−2	31.83	54.13	−5	−5
2	45.44	17.81	+1	+6	32.06	12.00	+11	+4	26.76	62.80	+5	−4	32.17	53.87	−11	−4
3	44.91	17.69	+6	+6	31.73	11.74	+12	+2	26.77	62.48	−1	−5	32.52	53.61	−16	−2
4	44.39	17.57	+10	+5	31.41	11.48	+11	−1	26.80	62.16	−7	−5	32.89	53.35	−18	+1
5	43.87	17.43	+12	+3	31.11	11.21	+8	−3	*)26.83	61.85	−13	−4	33.26	53.10	−17	+5
6	43.35	17.30	+12	0	30.81	10.94	+3	−5	26.88	61.53	−17	−1	33.64	52.85	−12	+7
7	42.84	17.15	+11	−2	30.52	10.67	−3	−6	26.94	61.22	−17	+2	34.04	52.60	−4	+9
8	42.33	17.00	+7	−4	30.24	10.39	−9	−5	27.01	60.90	−14	+5	34.44	52.35	+4	+8
9	41.83	16.85	+1	−6	29.97	10.11	−14	−3	27.09	60.59	−8	+7	34.86	52.11	+11	+5
10	41.33	16.69	−5	−5	29.71	9.83	−16	0	27.18	60.27	0	+8	35.28	51.88	+16	+1
11	40.84	16.53	−11	−4	29.46	9.55	−15	+3	27.29	59.96	+8	+6	35.71	51.65	+17	−3
12	40.35	16.36	−15	−2	29.22	9.26	−11	+6	27.41	59.65	+14	+3	36.15	51.42	+14	−7
13	39.87	16.18	−16	+1	28.99	8.97	−4	+7	27.54	59.34	+17	−1	36.59	51.20	+8	−9
14	39.40	16.01	−14	+5	28.77	8.68	+4	+7	27.68	59.04	+16	−4	37.05	50.99	+1	−9
15	38.93	15.82	−9	+7	28.57	8.38	+10	+5	27.83	58.73	+11	−7	37.52	50.78	−5	−8
16	38.47	15.63	−2	+8	28.37	8.08	+15	+2	28.00	58.43	+5	−9	38.00	50.57	−9	−5
17	38.01	15.44	+5	+7	28.18	7.78	+16	−2	28.18	58.13	−2	−9	38.48	50.37	−11	−2
18	37.56	15.24	+11	+4	28.01	7.48	+13	−5	28.37	57.83	−7	−7	38.97	50.17	−10	+1
19	37.11	15.04	+15	+1	27.85	7.18	+8	−8	28.57	57.53	−11	−4	39.47	49.98	−6	+3
20	36.68	14.83	+14	−3	27.69	6.88	+1	−9	28.78	57.23	−11	−1	39.98	49.79	−2	+5
21	36.25	14.62	+11	−6	27.55	6.57	−5	−7	29.00	56.93	−9	+2	40.49	49.61	+3	+6
22	35.82	14.40	+5	−8	27.42	6.26	−10	−5	29.23	56.64	−5	+4	41.02	49.43	+8	+5
23	35.41	14.18	−1	−8	27.31	5.95	−12	−2	29.48	56.35	0	+6	41.55	49.26	+10	+4
24	35.01	13.95	−7	−7	27.20	5.64	−11	+1	29.73	56.06	+4	+6	42.08	49.09	+12	+2
25	34.61	13.72	−11	−4	27.11	5.33	−8	+3	30.00	55.78	+8	+5	42.63	48.93	+11	0
26	34.22	13.49	−12	−1	27.02	5.02	−4	+5	30.28	55.50	+11	+3	43.18	48.77	+9	−3
27	33.84	13.25	−10	+2	26.95	4.70	+1	+6	30.57	55.22	+12	+1	43.74	48.62	+4	−4
28	33.47	13.01	−6	+4	26.89	4.38	+6	+6	30.87	54.94	+11	−1	44.30	48.47	−2	−5
29	33.10	12.76	−2	+6	26.84	4.06	+10	+5	31.18	54.67	+7	−3	44.87	48.33	−8	−5
30	32.74	12.51	+3	+6	26.80	3.75	+12	+3	31.50	54.40	+2	−5	45.45	48.19	−14	−3
31	32.40	12.26	+8	+5	26.78	3.43	+12	0	31.83	54.13	−5	−5	46.03	48.06	−18	0
32					26.76	3.11	+10	−2					46.62	47.94	−19	+3

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 54′ 40″	27.435	−27.417	−87° 54′ 50″	27.471	−27.453	−87° 55′ 10″	27.545	−27.527
50	27.471	−27.453	60	27.508	−27.490	20	27.582	−27.563

$\alpha_{1942.0} = 14^h\ 57^m\ 33^s.81$ $\delta_{1942.0} = -87°\ 54'\ 58''.57$

*) Tag der doppelten unteren Kulmination: Nov. 5.

Obere Kulmination Greenwich

S†) 26 G. Octantis $6^{m}.13$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	$16^h 38^m$	—86° 15′	in $0^s.01$	in $0''.01$	$16^h 38^m$	—86° 15′	in $0^s.01$	in $0''.01$	$16^h 38^m$	—86° 15′	in $0^s.01$	in $0''.01$	$16^h 39^m$	—86° 15′	in $0^s.01$	in $0''.01$
1	35.10	41.51	0	+7	44.90	36.05	+6	0	55.76	35.20	+6	−2	7.47	38.72	−5	−6
2	35.35	41.27	+3	+6	45.27	35.95	+5	−3	56.16	35.24	+4	−5	7.81	38.90	−8	−4
3	35.61	41.03	+5	+4	45.64	35.86	+2	−5	56.55	35.29	0	−6	8.16	39.08	−9	0
4	35.87	40.79	+6	+2	46.01	35.77	−1	−6	56.95	35.34	−3	−6	8.50	39.27	−8	+3
5	36.13	40.56	+5	−1	46.39	35.68	−5	−6	57.34	35.40	−7	−5	8.84	39.47	−5	+6
6	36.40	40.33	+4	−4	46.77	35.61	−8	−4	57.73	35.46	−9	−2	9.17	39.66	−1	+7
7	36.68	40.11	+1	−6	47.15	35.53	−9	−1	58.13	35.53	−9	+1	9.50	39.87	+4	+7
8	36.96	39.89	−3	−6	47.53	35.46	−9	+2	58.52	35.60	−7	+4	9.83	40.07	+8	+4
9	37.25	39.68	−7	−5	47.91	35.40	−7	+5	58.91	35.68	−4	+6	10.16	40.28	+10	+1
10	37.54	39.48	−9	−3	48.29	35.34	−3	+7	59.30	35.76	+1	+7	10.48	40.50	+10	−2
11	37.84	39.28	−10	0	48.68	35.29	+2	+7	59.69	35.85	+5	+6	10.80	40.72	+8	−5
12	38.14	39.08	−9	+4	49.07	35.24	+6	+5	60.07	35.94	+8	+3	11.11	40.94	+5	−7
13	38.44	38.88	−6	+7	49.45	35.20	+9	+2	60.46	36.04	+9	0	11.42	41.16	+2	−8
14	38.75	38.69	−1	+8	49.84	35.16	+10	−1	60.85	36.14	+9	−4	11.73	41.39	−2	−7
15	39.06	38.50	+4	+7	50.23	35.13	+9	−5	61.23	36.24	+7	−6	12.04	41.62	−5	−5
16	39.37	38.32	+8	+4	50.62	35.10	+6	−7	61.61	36.35	+4	−8	12.34	41.85	−6	−2
17	39.69	38.14	+10	+1	51.01	35.08	+3	−8	61.99	36.47	0	−8	12.64	42.09	−6	+1
18	40.01	37.97	+10	−3	51.41	35.06	−1	−7	62.37	36.59	−3	−6	12.93	42.33	−6	+4
19	40.34	37.80	+8	−6	51.80	35.05	−4	−5	62.75	36.71	−6	−4	13.22	42.57	−4	+6
20	40.67	37.64	+5	−8	52.19	35.04	−6	−3	63.13	36.84	−7	−1	13.50	42.82	−1	+7
21	41.01	37.48	+1	−8	52.59	35.04	−6	+1	63.50	36.98	−6	+2	13.78	43.07	+1	+7
22	41.35	37.33	−2	−7	52.99	35.04	−6	+3	63.87	37.12	−5	+5	14.06	43.32	+3	+6
23	41.69	37.18	−5	−4	53.38	35.05	−4	+6	64.24	37.26	−3	+6	14.33	43.58	+5	+4
24	42.03	37.03	−6	−1	53.78	35.06	−1	+7	64.61	37.40	0	+7	14.60	43.83	+6	+1
25	42.38	36.89	−6	+2	54.18	35.08	+1	+7	64.98	37.55	+2	+7	14.87	44.10	+5	−2
26	42.73	36.76	−5	+5	54.57	35.10	+4	+6	65.34	37.71	+5	+5	15.13	44.36	+3	−5
27	43.08	36.63	−3	+6	54.97	35.13	+6	+4	65.70	37.86	+6	+2	15.39	44.63	−1	−6
28	43.44	36.50	0	+7	55.37	35.16	+6	+1	66.06	38.03	+6	−1	15.64	44.90	−5	−6
29	43.80	36.38	+2	+7	55.76	35.20	+6	−2	66.41	38.19	+4	−4	15.89	45.17	−8	−5
30	44.16	36.27	+5	+5					66.77	38.36	+1	−6	16.13	45.44	−10	−2
31	44.53	36.16	+6	+3					67.12	38.54	−2	−7	16.37	45.72	−9	+2
32	44.90	36.05	+6	0					67.47	38.72	−5	−6				

δ	sec δ	tg δ	δ	sec δ	tg δ
−86° 15′ 30″	15.324	−15.291	−86° 15′ 40″	15.335	−15.303
40	15.335	−15.303	50	15.347	−15.314

$\alpha_{1942.0} = 16^h\ 38^m\ 51^s.36$ $\delta_{1942.0} = -86°\ 16'\ 1''.03$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sf) 26 G. Octantis $6^m.13$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
		—	in			—	in			—	in			—	in	
	$16^h 39^m$	86° 15′	$0^s.01$	$0''.01$	$16^h 39^m$	86° 15′	$0^s.01$	$0''.01$	$16^h 39^m$	86° 16′	$0^s.01$	$0''.01$	$16^h 39^m$	86° 16′	$0^s.01$	$0''.01$
1	$16^s.37$	$45''.72$	−9	+2	$21^s.39$	$55''.16$	+4	+7	$21^s.16$	$4''.84$	+10	−5	$15^s.81$	$12''.41$	−3	−7
2	16.61	46.00	−7	+5	{21.47 / 21.54	55.48 / 55.80	+8 / +11	+4 / 0}	21.07	5.13	+7	−8	15.57	12.60	−5	−4
3	16.84	46.28	−3	+7	21.61	56.13	+11	−3	20.97	5.42	+3	−9	15.32	12.78	−6	−1
4	17.07	46.56	+2	+7	21.67	56.45	+9	−6	20.86	5.71	0	−8	15.07	12.95	−5	+2
5	17.29	46.84	+7	+5	21.72	56.77	+5	−8	20.74	5.99	−3	−6	14.81	13.12	−3	+5
6	17.51	47.13	+10	+2	21.77	57.09	+2	−8	20.62	6.27	−5	−3	14.56	13.28	−1	+6
7	17.72	47.42	+11	−1	21.82	57.41	−2	−7	20.50	6.55	−5	0	14.29	13.44	+2	+7
8	17.93	47.71	+10	−5	21.85	57.73	−4	−4	20.37	6.82	−5	+3	14.03	13.59	+4	+6
9	18.13	48.00	+7	−7	21.88	58.05	−6	−1	20.23	7.09	−3	+5	13.76	13.74	+6	+4
10	18.33	48.30	+3	−8	21.91	58.37	−5	+2	20.09	7.36	0	+6	13.49	13.89	+7	+2
11	18.52	48.60	0	−7	21.93	58.69	−4	+4	19.95	7.63	+2	+6	13.21	14.03	+6	−1
12	18.71	48.90	−3	−6	21.95	59.01	−2	+6	19.80	7.89	+4	+5	12.94	14.17	+5	−4
13	18.90	49.20	−5	−3	21.96	59.33	0	+7	19.64	8.15	+6	+3	12.66	14.30	+2	−6
14	19.08	49.50	−6	0	21.96	59.65	+2	+6	19.48	8.41	+6	+1	12.37	14.42	−2	−6
15	19.25	49.80	−6	+3	21.96	59.96	+4	+5	19.32	8.66	+5	−2	12.09	14.54	−6	−6
16	19.42	50.11	−4	+5	21.95	60.28	+6	+3	19.15	8.91	+3	−4	11.80	14.66	−9	−4
17	19.59	50.42	−2	+6	21.94	60.59	+6	0	18.97	9.16	0	−6	11.51	14.76	−10	−1
18	19.75	50.73	+1	+7	21.92	60.91	+4	−3	18.79	9.40	−4	−6	11.22	14.86	−10	+3
19	19.90	51.04	+3	+6	21.89	61.22	+2	−5	18.61	9.64	−7	−5	10.92	14.96	−7	+6
20	20.05	51.35	+5	+4	21.86	61.53	−2	−6	18.42	9.88	−10	−2	10.62	15.05	−3	+8
21	20.19	51.66	+5	+2	21.83	61.84	−6	−6	18.23	10.11	−11	+1	10.32	15.14	+1	+8
22	20.32	51.98	+5	−1	21.79	62.15	−9	−4	18.03	10.34	−10	+4	10.02	15.22	+5	+6
23	20.45	52.29	+3	−4	21.74	62.46	−11	−1	17.83	10.57	−6	+7	9.72	15.30	+8	+2
24	20.58	52.61	0	−6	21.69	62.76	−11	+3	17.62	10.79	−2	+8	9.41	15.37	+9	−1
25	20.70	52.92	−4	−6	21.63	63.06	−8	+6	17.41	11.01	+3	+7	9.11	15.43	+8	−5
26	20.82	53.24	−7	−5	21.56	63.36	−4	+8	17.19	11.22	+7	+5	8.80	15.49	+5	−8
27	20.93	53.56	−10	−3	21.49	63.66	+1	+8	16.97	11.43	+10	0	8.49	15.54	+2	−8
28	21.03	53.87	−11	0	21.42	63.96	+6	+6	16.75	11.63	+10	−3	8.17	15.59	−2	−7
29	21.13	54.19	−9	+4	21.34	64.26	+9	+2	16.52	11.83	+8	−7	7.86	15.63	−5	−5
30	21.22	54.52	−5	+7	21.25	64.55	+11	−1	16.29	12.03	+4	−8	7.54	15.67	−6	−2
31	21.31	54.84	−1	+8	21.16	64.84	+10	−5	16.05	12.22	+1	−8	7.22	15.70	−6	+1
32	21.39	55.16	+4	+7					15.81	12.41	−3	−7	6.90	15.72	−5	+4

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−86° 15′ 40″	15.335	−15.303	−86° 15′ 50″	15.347	−15.314	−86° 16′ 10″	15.369	−15.337
50	15.347	−15.314	60	15.358	−15.325	20	15.381	−15.348

$\alpha_{1942.0} = 16^h\ 38^m\ 51^s.36$ $\delta_{1942.0} = -86°\ 16'\ 1''.03$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sf) 26 G. Octantis $6^{\text{m}}.13$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$16^{\text{h}}38^{\text{m}}$	86° 16′	^{s}0.01	″0.01	$16^{\text{h}}38^{\text{m}}$	86° 16′	^{s}0.01	″0.01	$16^{\text{h}}38^{\text{m}}$	86° 15′	^{s}0.01	″0.01	$16^{\text{h}}38^{\text{m}}$	86° 15′	^{s}0.01	″0.01
1	66.90	15.72	−5	+4	57.67	13.75	+2	+7	50.89	66.90	+6	0	*)49.60	57.76	0	−6
2	66.58	15.74	−2	+6	57.39	13.60	+4	+6	50.75	66.62	+5	−3	49.66	57.45	−4	−6
3	66.27	15.75	0	+7	57.11	13.44	+6	+4	50.62	66.34	+2	−5	49.72	57.14	−8	−5
4	65.95	15.76	+3	+7	56.84	13.28	+7	+1	50.50	66.05	−2	−6	49.80	56.83	−11	−3
5	65.64	15.76	+5	+5	56.57	13.11	+6	−1	50.38	65.77	−5	−6	49.88	56.52	−11	+1
6	65.32	15.76	+7	+3	56.30	12.94	+4	−4	50.27	65.47	−9	−4	49.97	56.22	−10	+4
7	65.01	15.75	+7	0	56.04	12.76	+1	−6	50.17	65.18	−10	−1	50.06	55.91	−6	+7
8	64.70	15.73	+5	−3	55.78	12.58	−3	−6	50.07	64.89	−10	+2	50.16	55.60	−1	+8
9	64.38	15.71	+3	−5	55.52	12.39	−6	−5	49.97	64.59	−7	+5	50.27	55.30	+4	+7
10	64.06	15.68	0	−6	55.27	12.20	−9	−3	49.89	64.29	−3	+7	50.38	55.00	+8	+4
11	63.74	15.64	−4	−6	55.02	12.01	−10	0	49.81	63.99	+2	+8	50.50	54.70	+10	0
12	63.43	15.60	−7	−5	54.78	11.81	−9	+3	49.73	63.69	+6	+6	50.63	54.40	+11	−3
13	63.11	15.56	−9	−2	54.54	11.60	−6	+6	49.66	63.38	+9	+3	50.76	54.11	+8	−7
14	62.80	15.51	−10	+1	54.30	11.39	−1	+7	49.60	63.08	+11	−1	50.90	53.81	+5	−9
15	62.48	15.45	−8	+5	54.07	11.18	+3	+7	49.55	62.77	+10	−5	51.05	53.52	+1	−9
16	62.17	15.39	−5	+7	53.84	10.96	+7	+5	49.50	62.46	+7	−7	51.20	53.23	−2	−7
17	61.86	15.32	0	+8	53.62	10.73	+9	+1	49.46	62.15	+3	−8	51.36	52.94	−5	−4
18	61.55	15.24	+4	+6	53.40	10.50	+10	−2	49.42	61.83	−1	−8	51.53	52.65	−6	−1
19	61.24	15.16	+7	+4	53.18	10.27	+8	−6	49.39	61.52	−4	−6	51.70	52.36	−5	+2
20	60.92	15.08	+9	0	52.97	10.03	+5	−8	49.37	61.20	−6	−3	51.87	52.08	−3	+5
21	60.62	14.98	+9	−4	52.77	9.80	+1	−8	49.35	60.88	−6	0	52.06	51.80	−1	+6
22	60.31	14.88	+6	−7	52.57	9.55	−3	−7	49.35	60.57	−5	+3	52.25	51.53	+2	+6
23	60.01	14.78	+3	−8	52.38	9.30	−5	−5	49.35	60.26	−3	+5	52.44	51.25	+4	+6
24	59.71	14.67	−1	−8	52.19	9.05	−6	−2	49.35	59.95	0	+6	52.64	50.99	+6	+4
25	59.41	14.56	−4	−6	52.01	8.80	−6	+1	49.37	59.64	+2	+6	52.85	50.72	+6	+2
26	59.11	14.44	−6	−3	51.83	8.53	−5	+4	49.39	59.33	+4	+6	53.06	50.46	+6	−1
27	58.82	14.31	−6	0	51.66	8.27	−2	+6	49.42	59.02	+6	+4	53.28	50.20	+4	−3
28	58.53	14.18	−6	+3	51.50	8.00	0	+7	49.45	58.70	+6	+1	53.50	49.94	+1	−5
29	58.24	14.04	−4	+5	51.34	7.73	+3	+7	49.49	58.39	+5	−2	53.73	49.68	−2	−6
30	57.95	13.90	−1	+7	51.18	7.46	+5	+5	49.54	58.08	+3	−4	53.96	49.43	−6	−6
31	57.67	13.75	+2	+7	51.03	7.18	+6	+3	*)49.60	57.76	0	−6	54.20	49.18	−10	−4
32					50.89	6.90	+6	0					54.45	48.94	−12	−1

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−86° 15′ 40″	15.335	−15.303	−86° 15′ 50″	15.347	−15.314	−86° 16′ 10″	15.369	−15.337
50	15.347	−15.314	60	15.358	−15.325	20	15.381	−15.348

$\alpha_{1942.0} = 16^{\text{h}}\ 38^{\text{m}}\ 51^{\text{s}}.36$ $\delta_{1942.0} = -86°\ 16'\ 1''.03$

*) Tag der doppelten unteren Kulmination: Dez. 1.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sg) χ Octantis $5^{m}.22$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$18^h 20^m$	87° 39′	$0^s.01$	$0''.01$	$18^h 20^m$	87° 39′	$0^s.01$	$0''.01$	$18^h 20^m$	87° 38′	$0^s.01$	$0''.01$	$18^h 21^m$	87° 38′	$0^s.01$	$0''.01$
1	26.47	14.33	−4	+7	36.45	5.34	+9	+2	51.27	60.05	+9	0	10.47	58.39	−4	−7
2	26.66	14.01	0	+7	36.90	5.09	+9	−1	51.87	59.93	+8	−3	11.09	58.41	−9	−6
3	26.85	13.69	+4	+6	37.36	4.85	+7	−4	52.47	59.81	+5	−6	11.71	58.44	−13	−3
4	27.05	13.37	+7	+4	37.83	4.62	+2	−6	53.07	59.69	0	−7	12.34	58.47	−13	0
5	27.27	13.05	+8	+1	38.30	4.38	−3	−7	53.67	59.58	−6	−7	12.95	58.50	−11	+4
6	27.49	12.74	+8	−2	38.78	4.15	−8	−7	54.27	59.47	−11	−5	13.57	58.54	−5	+7
7	27.72	12.42	+5	−5	39.26	3.93	−13	−4	54.88	59.37	−13	−2	14.19	58.59	+1	+8
8	27.96	12.11	0	−7	39.75	3.71	−14	−1	55.49	59.28	−13	+1	14.80	58.64	+8	+7
9	28.22	11.80	−6	−7	40.25	3.50	−13	+3	56.10	59.18	−9	+5	15.41	58.70	+13	+5
10	28.48	11.49	−11	−6	40.76	3.29	−8	+6	56.71	59.10	−4	+7	16.03	58.76	+16	+1
11	28.75	11.18	−15	−3	41.27	3.08	−2	+7	57.33	59.02	+3	+7	16.63	58.83	+15	−2
12	29.03	10.88	−15	+1	41.79	2.87	+5	+7	57.95	58.94	+9	+6	17.24	58.90	+12	−5
13	29.32	10.58	−12	+4	42.31	2.67	+11	+5	58.57	58.87	+14	+3	17.85	58.97	+7	−7
14	29.62	10.27	−6	+7	42.83	2.48	+15	+2	59.19	58.80	+15	0	18.45	59.05	+2	−7
15	29.92	9.98	+1	+8	43.36	2.28	+15	−2	59.81	58.74	+14	−3	19.05	59.13	−4	−6
16	30.24	9.68	+8	+7	43.90	2.09	+13	−5	60.43	58.68	+10	−6	19.65	59.22	−8	−4
17	30.57	9.39	+14	+4	44.44	1.91	+9	−7	61.06	58.62	+5	−7	20.24	59.31	−10	−1
18	30.90	9.10	+16	+1	44.98	1.73	+3	−7	61.68	58.57	0	−7	20.83	59.41	−10	+2
19	31.24	8.81	+16	−3	45.53	1.56	−2	−6	62.31	58.53	−5	−6	21.41	59.51	−9	+4
20	31.60	8.52	+12	−6	46.09	1.39	−7	−5	62.93	58.49	−9	−3	22.00	59.62	−7	+6
21	31.96	8.24	+7	−7	46.65	1.22	−10	−2	63.56	58.45	−11	0	22.57	59.73	−3	+7
22	32.33	7.96	+1	−7	47.21	1.06	−10	+1	64.19	58.42	−10	+3	23.15	59.85	+1	+7
23	32.70	7.68	−4	−6	47.78	0.90	−9	+4	64.82	58.40	−8	+5	23.72	59.97	+5	+5
24	33.09	7.41	−8	−3	48.35	0.74	−7	+6	65.45	58.38	−5	+7	24.29	60.09	+7	+3
25	33.48	7.14	−10	0	48.93	0.59	−3	+7	66.08	58.36	−1	+7	24.86	60.22	+8	−1
26	33.88	6.87	−10	+3	49.51	0.45	+1	+7	66.71	58.35	+3	+6	25.42	60.35	+6	−4
27	34.29	6.61	−8	+5	50.09	0.31	+5	+5	67.34	58.34	+7	+4	25.97	60.49	+2	−7
28	34.70	6.35	−5	+6	50.68	0.18	+8	+3	67.97	58.34	+9	+1	26.53	60.63	−3	−8
29	35.13	6.09	−1	+7	51.27	0.05	+9	0	68.60	58.34	+8	−2	27.07	60.78	−8	−7
30	35.56	5.84	+3	+6					69.22	58.35	+6	−5	27.62	60.93	−12	−5
31	36.00	5.59	+7	+4					69.84	58.37	+1	−7	28.16	61.08	−14	−2
32	36.45	5.34	+9	+2					70.47	58.39	−4	−7				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 38′ 50″	24.359	−24.339	−87° 39′ 0″	24.388	−24.368	−87° 39′ 10″	24.417	−24.396
60	24.388	−24.368	10	24.417	−24.396	20	24.446	−24.425

$\alpha_{1942.0} = 18^h\ 21^m\ 3^s.52$ $\delta_{1942.0} = -87°\ 39'\ 25''.26$

Sg) χ Octantis $5^{m}.22$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$18^{h}21^{m}$	87° 39′	$0^{s}.01$	$0''.01$	$18^{h}21^{m}$	87° 39′	$0^{s}.01$	$0''.01$	$18^{h}21^{m}$	87° 39′	$0^{s}.01$	$0''.01$	$18^{h}21^{m}$	87° 39′	$0^{s}.01$	$0''.01$
1	$28^{s}.16$	$1''.08$	−14	−2	$42^{s}.02$	$7''.69$	+2	+8	$48^{s}.55$	$16''.74$	+17	−2	$46^{s}.25$	$26''.02$	+1	−7
2	28.69	1.24	−13	+2	42.36	7.95	+10	+7	48.62	17.05	+15	−5	46.03	26.29	−4	−5
3	29.22	1.40	−8	+6	42.69	8.22	+15	+4	48.67	17.36	+10	−7	45.81	26.57	−7	−3
4	29.75	1.57	−2	+8	43.01	8.48	+18	+1	48.72	17.67	+4	−7	45.57	26.83	−9	0
5	30.27	1.73	+6	+8	43.32	8.75	+17	−3	48.76	17.98	−1	−6	45.32	27.10	−8	+3
6	30.78	1.91	+12	+6	43.63	9.03	+13	−6	48.79	18.29	−6	−4	45.07	27.36	−5	+5
7	31.29	2.09	+16	+3	43.93	9.30	+8	−7	48.80	18.60	−8	−1	44.80	27.62	−2	+7
8	31.80	2.27	+17	−1	44.21	9.58	+2	−7	48.81	18.90	−9	+1	44.53	27.87	+2	+7
9	32.29	2.45	+15	−4	44.49	9.86	−3	−6	48.81	19.21	−7	+4	44.25	28.12	+5	+6
10	32.79	2.65	+10	−6	44.77	10.14	−7	−3	48.80	19.52	−5	+6	43.96	28.37	+8	+4
11	33.27	2.84	+4	−7	45.03	10.43	−9	0	48.78	19.83	−1	+7	43.67	28.62	+9	+1
12	33.75	3.04	−1	−6	45.29	10.72	−9	+3	48.76	20.14	+2	+7	43.36	28.87	+9	−2
13	34.23	3.24	−6	−5	45.54	11.00	−7	+5	48.72	20.44	+6	+5	43.05	29.11	+6	−5
14	34.70	3.44	−9	−2	45.78	11.29	−4	+6	48.67	20.75	+8	+3	42.73	29.34	+1	−7
15	35.16	3.65	−10	+1	46.01	11.58	−1	+7	48.62	21.05	+9	0	42.41	29.58	−4	−7
16	35.62	3.86	−9	+3	46.23	11.88	+3	+6	48.55	21.36	+7	−3	42.07	29.80	−10	−7
17	36.07	4.08	−7	+5	46.44	12.17	+6	+5	48.48	21.66	+4	−5	41.73	30.03	−14	−4
18	36.52	4.29	−4	+7	46.64	12.47	+8	+2	48.39	21.96	−1	−7	41.39	30.25	−16	−1
19	36.96	4.52	0	+7	46.84	12.77	+8	−1	48.30	22.26	−7	−8	41.03	30.46	−14	+3
20	37.39	4.74	+3	+6	47.02	13.07	+5	−4	48.19	22.56	−13	−6	40.67	30.68	−10	+6
21	37.81	4.97	+6	+4	47.20	13.37	+1	−7	48.08	22.86	−16	−3	40.30	30.89	−3	+8
22	38.23	5.20	+8	+1	47.37	13.67	−4	−8	47.96	23.16	−16	+1	39.92	31.10	+4	+7
23	38.64	5.43	+7	−2	47.53	13.97	−10	−7	47.83	23.45	−13	+4	39.54	31.30	+10	+5
24	39.05	5.67	+4	−5	47.68	14.28	−15	−5	47.69	23.74	−7	+7	39.15	31.49	+14	+2
25	39.45	5.91	−1	−7	47.83	14.58	−17	−2	47.54	24.03	0	+8	38.76	31.69	+15	−2
26	39.84	6.15	−7	−8	47.96	14.89	−15	+2	47.38	24.32	+7	+7	38.36	31.87	+13	−5
27	40.22	6.40	−12	−6	48.08 48.19	15.19 15.50	−10 −3	+6 +8	47.21	24.61	+13	+4	37.95	32.05	+8	−7
28	40.59	6.65	−15	−3	48.30	15.81	+5	+8	47.04	24.90	+16	0	37.53	32.23	+2	−8
29	40.96	6.91	−15	0	48.39	16.12	+12	+6	46.85	25.18	+15	−3	37.11	32.40	−3	−7
30	41.32	7.16	−12	+4	48.47	16.43	+16	+2	46.66	25.46	+12	−6	36.68	32.57	−7	−4
31	41.67	7.43	−6	+7	48.55	16.74	+17	−2	46.46	25.74	+7	−7	36.25	32.73	−9	−1
32	42.02	7.69	+2	+8					46.25	26.02	+1	−7	35.82	32.89	−9	+2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 39′ 0″	24.388	−24.368	−87° 39′ 10″	24.417	−24.396	−87° 39′ 30″	24.475	−24.454
10	24.417	−24.396	20	24.446	−24.425	40	24.504	−24.483

$\alpha_{1942.0} = 18^{h}\ 21^{m}\ 3^{s}.52$ $\delta_{1942.0} = -87°\ 39'\ 25''.26$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sg) χ Octantis $5^{m}.22$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$18^h 21^m$	87° 39′	$0^s.01$	$0''.01$	$18^h 21^m$	87° 39′	$0^s.01$	$0''.01$	$18^h 20^m$	87° 39′	$0^s.01$	$0''.01$	$18^h 20^m$	87° 39′	$0^s.01$	$0''.01$
1	$35^s.82$	$32''.89$	−9	+2	$21^s.09$	$35''.09$	−2	+7	$66^s.36$	$31''.78$	+9	+2	$57^s.80$	$24''.13$	+3	−6
2	35.38	33.04	−7	+5	20.58	35.07	+2	+7	65.96	31.59	+8	−1	57.66	23.82	−2	−8
3	34.93	33.19	−4	+6	20.07	35.05	+6	+6	65.56	31.39	+6	−4	57.53	23.52	−8	−8
4	34.48	33.33	0	+7	19.55	35.02	+8	+3	65.17	31.18	+2	−7	57.41	23.21	−13	−6
5	34.03	33.47	+4	+7	19.04	34.98	+9	+1	64.79	30.97	−4	−8	57.30	22.89	−16	−3
6	33.57	33.60	+7	+5	18.54	34.94	+8	−3	64.42	30.76	−9	−7	57.20	22.58	−16	+1
7	33.10	33.73	+9	+2	18.03	34.89	+5	−5	64.05	30.54	−14	−5	57.11	22.26	−13	+5
8	32.63	33.85	+9	−1	17.52	34.83	0	−7	63.69	30.32	−15	−1	57.03	21.94	−7	+7
9	32.16	33.97	+8	−4	17.01	34.77	−5	−7	63.34	30.09	−14	+3	56.96	21.63	+1	+8
10	31.68	34.08	+4	−6	16.50	34.70	−10	−6	62.99	29.86	−9	+6	56.90	21.31	+9	+7
11	31.20	34.18	−1	−7	16.00	34.63	−14	−3	62.66	29.62	−2	+8	56.85	20.99	+15	+4
12	30.72	34.28	−7	−7	15.50	34.55	−15	0	62.33	29.38	+5	+8	56.81	20.67	+17	0
13	30.23	34.38	−12	−5	15.01	34.47	−12	+4	62.01	29.13	+11	+6	56.78	20.35	+16	−3
14	29.74	34.47	−14	−2	14.51	34.38	−7	+7	61.70	28.88	+16	+3	56.77	20.02	+12	−6
15	29.24	34.55	−14	+2	14.03	34.28	0	+8	61.40	28.63	+16	−1	56.76	19.70	+7	−8
16	28.75	34.63	−11	+5	13.54	34.18	+7	+7	61.11	28.37	+14	−5	56.76	19.38	+1	−7
17	28.24	34.70	−5	+7	13.06	34.07	+12	+5	60.82	28.11	+9	−7	56.78	19.05	−4	−5
18	27.74	34.76	+2	+8	12.58	33.96	+15	+1	60.54	27.85	+4	−8	56.80	18.72	−7	−3
19	27.24	34.82	+8	+6	12.10	33.84	+15	−2	60.27	27.58	−2	−7	56.84	18.40	−8	0
20	26.74	34.88	+13	+3	11.63	33.72	+11	−6	60.01	27.31	−6	−4	56.88	18.07	−8	+3
21	26.23	34.93	+14	0	11.16	33.59	+6	−7	59.77	27.04	−9	−2	56.94	17.74	−5	+5
22	25.72	34.97	+13	−4	10.70	33.45	+1	−7	59.53	26.76	−9	+1	57.01	17.42	−2	+7
23	25.21	35.00	+9	−6	10.24	33.31	−4	−6	59.30	26.48	−8	+4	57.08	17.09	+2	+7
24	24.70	35.03	+4	−8	9.79	33.16	−8	−3	59.08	26.19	−5	+6	57.17	16.76	+5	+6
25	24.19	35.06	−1	−7	9.34	33.01	−9	−1	58.87	25.91	−1	+7	57.27	16.44	+8	+4
26	23.68	35.08	−6	−5	8.90	32.85	−9	+2	58.67	25.61	+2	+7	57.38	16.11	+9	+1
27	23.16	35.09	−9	−2	8.46	32.68	−7	+5	58.48	25.32	+6	+5	*)57.50	15.79	+8	−2
28	22.64	35.10	−10	+1	8.03	32.51	−4	+6	58.29	25.03	+8	+3	57.63	15.47	+5	−4
29	22.12	35.10	−8	+4	7.60	32.34	0	+7	58.12	24.73	+8	0	57.77	15.14	0	−7
30	21.61	35.10	−6	+6	7.18	32.16	+4	+7	57.96	24.43	+7	−3	57.92	14.82	−5	−8
31	21.09	35.09	−2	+7	6.77	31.97	+7	+5	57.80	24.13	+3	−6	58.08	14.50	−11	−7
32					6.36	31.78	+9	+2					58.25	14.18	−16	−5

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 39′ 10″	24.417	−24.396	−87° 39′ 20″	24.446	−24.425	−87° 39′ 30″	24.475	−24.454
20	24.446	−24.425	30	24.475	−24.454	40	24.504	−24.483

$\alpha_{1942.0} = 18^h\ 21^m\ 3^s.52$ $\delta_{1942.0} = -87°\ 39'\ 25''.26$

*) Tag der doppelten unteren Kulmination: Dez. 27.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sh) σ Octantis $5^m.48$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$20^h 2^m$	89° 9′	$0^s.01$	0″.01	$20^h 2^m$	89° 9′	$0^s.01$	0″.01	$20^h 3^m$	89° 9′	$0^s.01$	0″.01	$20^h 3^m$	89° 9′	$0^s.01$	0″.01
1	$34^s.87$	44″.48	−21	+5	$41^s.71$	33″.69	+18	+4	$8^s.28$	25″.00	+23	+2	$52^s.96$	18″.40	+ 4	−8
2	34.68	44.14	−12	+6	42.36	33.35	+25	+1	9.52	24.72	+26	−1	54.57	18.26	−10	−8
3	34.51	43.80	0	+6	43.03	33.01	+25	−2	10.78	24.45	+23	−4	56.18	18.12	−23	−6
4	34.38	43.45	+11	+5	43.72	32.67	+18	−5	12.05	24.18	+13	−7	57.80	17.99	−32	−3
5	34.27	43.11	+19	+2	44.44	32.33	+ 7	−7	13.34	23.92	− 1	−8	59.42	17.86	−32	+1
6	34.18	42.76	+23	0	45.18	32.00	− 8	−8	14.64	23.66	−16	−7	61.05	17.73	−25	+5
7	34.13	42.42	+22	−4	45.95	31.67	−23	−7	15.96	23.41	−28	−5	62.68	17.61	−11	+7
8	34.10	42.07	+13	−7	46.74	31.34	−33	−4	17.29	23.16	−33	−1	64.32	17.50	+ 7	+8
9	34.11	41.72	− 1	−8	47.55	31.01	−36	0	18.64	22.92	−31	+2	65.96	17.39	+23	+7
10	34.14	41.37	−17	−8	48.39	30.68	−31	+3	20.00	22.68	−22	+6	67.60	17.28	+35	+5
11	34.19	41.02	−30	−6	49.25	30.36	−19	+6	21.38	22.44	− 7	+7	69.25	17.18	+41	+1
12	34.28	40.67	−37	−3	50.13	30.04	− 1	+8	22.77	22.21	+10	+8	70.90	17.08	+39	−2
13	34.39	40.32	−37	+1	51.03	29.73	+17	+7	24.17	21.98	+26	+6	72.55	16.99	+30	−4
14	34.54	39.97	−28	+5	51.96	29.41	+31	+5	25.59	21.75	+37	+3	74.21	16.91	+17	−6
15	34.71	39.61	−12	+7	52.91	29.09	+40	+2	27.02	21.53	+40	0	75.87	16.83	+ 3	−6
16	34.90	39.26	+ 7	+8	53.88	28.78	+40	−1	28.46	21.31	+35	−3	77.53	16.75	−11	−5
17	35.13	38.91	+24	+7	54.87	28.48	+34	−4	29.91	21.10	+25	−5	79.19	16.68	−22	−3
18	35.38	38.56	+38	+4	55.88	28.17	+21	−6	31.38	20.89	+12	−6	80.86	16.61	−28	−1
19	35.66	38.21	+43	+1	56.91	27.87	+ 6	−6	32.86	20.68	− 3	−6	82.52	16.55	−30	+2
20	35.96	37.86	+41	−2	57.96	27.56	− 8	−6	34.35	20.48	−16	−5	84.19	16.49	−28	+4
21	*)36.30	37.51	+30	−5	59.04	27.26	−20	−4	35.85	20.28	−26	−2	85.85	16.44	−21	+6
22	36.66	37.16	+16	−6	60.13	26.97	−28	−2	37.36	20.09	−30	0	87.52	16.39	−10	+6
23	37.05	36.81	+ 1	−6	61.24	26.68	−30	+1	38.88	19.90	−30	+3	89.18	16.35	+ 2	+6
24	37.46	36.46	−12	−5	62.37	26.39	−28	+4	40.41	19.72	−25	+5	90.84	16.31	+14	+4
25	37.90	36.11	−23	−2	63.52	26.10	−20	+6	41.95	19.54	−16	+6	92.51	16.28	+21	+1
26	38.37	35.76	−29	0	64.68	25.82	−10	+7	43.50	19.36	− 4	+6	94.17	16.25	+23	−2
27	38.86	35.41	−29	+2	65.86	25.55	+ 2	+6	45.06	19.19	+ 8	+5	95.83	16.23	+19	−5
28	39.38	35.07	−24	+5	67.06	25.27	+14	+5	46.62	19.02	+18	+3	97.48	16.22	+ 8	−8
29	39.92	34.72	−16	+6	68.28	25.00	+23	+2	48.19	18.86	+24	0	99.13	16.21	− 6	−9
30	40.49	34.38	− 4	+6					49.77	18.70	+24	−3	100.79	16.20	−21	−7
31	41.09	34.03	+ 8	+5					51.36	18.55	+16	−6	102.44	16.20	−32	−5
32	41.71	33.69	+18	+4					52.96	18.40	+ 4	−8				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−89° 9′ 10″	67.630	−67.623	−89° 9′ 20″	67.853	−67.846	−89° 9′ 40″	68.302	−68.295
20	67.853	−67.846	30	68.077	−68.069	50	68.529	−68.522

$\alpha_{1942.0} = 20^h\ 4^m\ 29^s.72$ $\delta_{1942.0} = -89°\ 9'\ 44''.58$

*) Tag der doppelten unteren Kulmination: Jan. 21.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sh) σ Octantis $5^m.48$

Tag	Mai AR.	Mai Dekl.	Mai ℭ Glieder		Juni AR.	Juni Dekl.	Juni ℭ Glieder		Juli AR.	Juli Dekl.	Juli ℭ Glieder		August AR.	August Dekl.	August ℭ Glieder	
		—	in			—	in			—	in			—	in	
	$20^h 4^m$	89° 9′	$0^s.01$	$0''.01$	$20^h 5^m$	89° 9′	$0^s.01$	$0''.01$	$20^h 6^m$	89° 9′	$0^s.01$	$0''.01$	$20^h 6^m$	89° 9′	$0^s.01$	$0''.01$
1	42.44	16.20	−32	−5	30.01	18.56	−10	+8	3.34	24.85	+35	+6	16.77	34.22	+15	−6
2	44.09	16.20	−35	−1	31.37	18.71	+10	+9	4.14	25.11	+45	+3	16.77	34.53	0	−6
3	45.73	16.21	−30	+3	32.72	18.87	+29	+7	4.92	25.38	+46	−1	16.73	34.84	−13	−4
4	47.37	16.22	−18	+7	34.05	19.03	+41	+5	5.67	25.65	+38	−4	16.67	35.15	−22	−2
5	49.00	16.24	0	+8	35.37	19.20	+46	+1	6.40	25.92	+24	−6	16.58	35.46	−26	+1
6	50.63	16.26	+19	+8	36.67	19.37	+42	−2	7.11	26.19	+9	−6	16.46	35.77	−24	+4
7	52.25	16.29	+34	+6	37.95	19.54	+31	−5	7.79	26.47	−6	−5	16.32	36.08	−18	+6
8	53.86	16.32	+43	+3	39.22	19.72	+17	−6	8.45	26.75	−17	−3	16.15	36.38	−9	+7
9	55.47	16.36	+43	0	40.47	19.90	+2	−6	9.09	27.04	−24	−1	15.96	36.69	+1	+7
10	57.07	16.40	+36	−3	41.71	20.09	−12	−4	9.70	27.32	−26	+2	15.74	36.99	+12	+5
11	58.66	16.45	+24	−5	42.93	20.28	−21	−2	10.29	27.60	−23	+4	15.49	37.30	+20	+3
12	60.25	16.50	+9	−6	44.13	20.47	−26	0	10.85	27.89	−16	+6	15.21	37.60	+25	0
13	61.83	16.56	−6	−5	45.32	20.67	−26	+3	11.39	28.18	−7	+6	14.91	37.91	+23	−3
14	63.40	16.62	−17	−4	46.49	20.87	−22	+5	11.90	28.47	+4	+6	14.58	38.21	+16	−6
15	64.97	16.69	−25	−2	47.64	21.08	−15	+6	12.39	28.76	+13	+5	14.23	38.51	+4	−8
16	66.53	16.76	−28	+1	48.77	21.29	−5	+6	12.86	29.05	+20	+2	13.85	38.80	−11	−8
17	68.08	16.84	−27	+3	49.88	21.50	+5	+5	13.30	29.34	+23	−1	13.44	39.10	−26	−7
18	69.62	16.92	−22	+5	50.97	21.72	+15	+4	13.72	29.64	+19	−4	13.01	39.40	−37	−4
19	71.15	17.01	−13	+6	52.05	21.94	+21	+1	14.10	29.94	+11	−7	12.55	39.69	−40	−1
20	72.67	17.10	−3	+6	53.10	22.16	+21	−2	14.46	30.24	−3	−9	12.07	39.98	−35	+3
21	74.18	17.19	+8	+5	54.14	22.39	+15	−6	14.80	30.54	−19	−8	11.56	40.27	−22	+6
22	75.68	17.29	+17	+3	55.15	22.62	+4	−8	15.11	30.84	−33	−7	11.02	40.56	−4	+7
23	77.17	17.40	+22	−1	56.14	22.85	−11	−9	15.40	31.15	−41	−3	10.46	40.85	+15	+7
24	78.65	17.51	+20	−4	57.12	23.09	−26	−8	15.65 / 15.88	31.45 / 31.76	−41 / −31	+1 / +5	9.87	41.13	+31	+5
25	80.11	17.63	+11	−7	58.07	23.33	−38	−5	16.09	32.06	−14	+7	9.26	41.41	+40	+2
26	81.56	17.75	−2	−9	59.01	23.58	−41	−1	16.27	32.37	+6	+8	8.62	41.68	+40	−2
27	83.00	17.87	−17	−9	59.92	23.83	−36	+3	16.42	32.67	+25	+7	7.96	41.96	+33	−5
28	84.43	18.00	−31	−6	60.81	24.09	−22	+7	16.54	32.98	+38	+4	7.27	42.24	+20	−6
29	85.85	18.13	−38	−3	61.68	24.34	−2	+8	16.64	33.29	+44	+1	6.56	42.51	+5	−7
30	87.25	18.27	−37	+1	62.52	24.60	+18	+8	16.71	33.60	+41	−3	5.83	42.78	−9	−5
31	88.64	18.41	−27	+5	63.34	24.85	+35	+6	16.75	33.91	+30	−5	5.07	43.05	−20	−3
32	90.01	18.56	−10	+8					16.77	34.22	+15	−6	4.29	43.31	−26	0

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−89° 9′ 10″	67.630	−67.623	−89° 9′ 20″	67.853	−67.846	−89° 9′ 40″	68.302	−68.295
20	67.853	−67.846	30	68.077	−68.069	50	68.529	−68.522

$\alpha_{1942.0} = 20^h\ 4^m\ 29^s.72$ $\delta_{1942.0} = -89°\ 9'\ 44''.58$

Sh) σ Octantis $5^m.48$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
		—	in			—	in			—	in			—	in	
	$20^h 5^m$	89° 9′	0.01 s	0.01 ″	$20^h 4^m$	89° 9′	0.01 s	0.01 ″	$20^h 4^m$	89° 9′	0.01 s	0.01 ″	$20^h 3^m$	89° 9′	0.01 s	0.01 ″
1	64.29	43.31	−26	0	91.53	49.27	−18	+6	47.43	50.25	+18	+4	70.00	45.60	+19	−5
2	63.48	43.57	−27	+3	90.19	49.39	− 8	+7	46.01	50.18	+23	+1	69.01	45.36	+10	−7
3	62.65	43.82	−22	+5	88.84	49.51	+ 3	+6	44.60	50.10	+23	−3	68.04	45.12	− 5	−9
4	61.80	44.07	−14	+6	87.48	49.62	+14	+5	43.20	50.02	+17	−6	67.09	44.87	−20	−9
5	60.93	44.32	− 3	+7	86.11	49.72	+21	+3	41.80	49.93	+ 5	−8	66.17	44.62	−34	−7
6	60.04	44.56	+ 8	+6	84.73	49.82	+25	−1	40.41	49.84	− 9	−9	65.27	44.37	−42	−3
7	59.12	44.80	+18	+4	83.34	49.91	+23	−4	39.03	49.74	−24	−7	64.39	44.11	−40	+1
8	58.18	45.04	+24	+2	81.95	50.00	+14	−6	37.67	49.63	−35	−5	63.53	43.84	−30	+5
9	57.22	45.27	+26	−2	80.55	50.08	+ 1	−8	36.31	49.52	−38	−1	62.70	43.57	−13	+8
10	56.24	45.50	+20	−5	79.14	50.16	−14	−8	34.96	49.40	−33	+3	61.89	43.30	+ 8	+8
11	55.24	45.73	+10	−7	77.72	50.23	−27	−6	33.62	49.28	−20	+6	61.11	43.02	+28	+7
12	54.22	45.95	− 4	−8	76.30	50.29	−35	−3	32.29	49.15	− 2	+8	60.35	42.74	+41	+4
13	53.18	46.17	−19	−7	74.87	50.35	−36	+1	30.97	49.01	+17	+8	59.61	42.46	+46	+1
14	52.12	46.38	−31	−5	73.44	50.40	−28	+4	29.67	48.87	+33	+6	58.90	42.17	+42	−3
15	51.04	46.59	−37	−2	72.00	50.44	−14	+7	28.38	48.72	+42	+3	58.22	41.88	+31	−5
16	49.94	46.79	−36	+2	70.56	50.48	+ 4	+8	27.11	48.57	+43	−1	57.56	41.58	+15	−6
17	48.82	46.99	−26	+5	69.11	50.51	+21	+7	25.85	48.41	+35	−4	56.93	41.28	0	−6
18	47.69	47.19	−10	+7	67.66	50.54	+35	+4	24.61	48.24	+23	−6	56.32	40.98	−13	−4
19	46.54	47.38	+ 8	+8	66.21	50.56	+41	+1	23.38	48.07	+ 8	−6	55.74	40.68	−21	−2
20	45.37	47.56	+25	+6	64.76	50.57	+39	−3	22.17	47.89	− 7	−5	55.19	40.37	−25	+1
21	44.19	47.74	+36	+3	63.30	50.58	+29	−5	20.97	47.71	−18	−3	54.66	40.06	−23	+4
22	42.99	47.92	+40	0	61.85	50.58	+16	−7	19.79	47.52	−25	−1	54.16	39.75	−17	+6
23	41.77	48.09	+35	−3	60.40	50.58	+ 1	−7	18.63	47.32	−27	+2	53.68	39.43	− 8	+6
24	40.54	48.26	+24	−6	58.95	50.57	−13	−5	17.49	47.12	−23	+4	53.24	39.11	+ 1	+6
25	39.29	48.42	+10	−7	57.50	50.55	−22	−3	16.36	46.92	−16	+6	52.82	38.78	+11	+5
26	38.03	48.58	− 5	−6	56.05	50.53	−27	0	15.25	46.71	− 7	+7	52.42	38.46	+19	+3
27	36.76	48.73	−17	−4	54.60	50.50	−27	+3	14.16	46.50	+ 4	+6	52.06	38.14	+22	0
28	35.47	48.87	−25	−1	53.16	50.46	−22	+5	13.09	46.28	+13	+5	51.72	37.81	+21	−3
29	34.17	49.01	−27	+1	51.72	50.42	−14	+6	12.04	46.06	+20	+2	51.41	37.48	+14	−6
30	32.86	49.14	−25	+4	50.28	50.37	− 3	+7	11.01	45.83	+23	−1	51.13	37.14	+ 1	−8
31	31.53	49.27	−18	+6	48.85	50.31	+ 8	+6	10.00	45.60	+19	−5	50.88	36.81	−14	−9
32					47.43	50.25	+18	+4					50.65	36.48	−30	−8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−89° 9′ 30″	68.077	−68.069	−89° 9′ 40″	68.302	−68.295	−89° 9′ 50″	68.529	−68.522
40	68.302	−68.295	50	68.529	−68.522	60	68.757	−68.750

$\alpha_{1942.0} = 20^h\ 4^m\ 29^s.72$ $\delta_{1942.0} = -89°\ 9'\ 44''.58$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Si) β Octantis $4^m.34$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$22^h 40^m$	81° 41′	$0^s.01$	$0''.01$	$22^h 40^m$	81° 41′	$0^s.01$	$0''.01$	$22^h 40^m$	81° 40′	$0^s.01$	$0''.01$	$22^h 40^m$	81° 40′	$0^s.01$	$0''.01$
1	$6^s.18$	$27''.59$	−3	+1	$3^s.81$	$18''.94$	+1	+5	$3^s.52$	$68''.91$	+2	+4	$5^s.27$	$57''.76$	+2	−6
2	6.08	27.38	−2	+3	3.77	18.61	+2	+4	*)3.54	68.53	+3	+2	5.36	57.42	+1	−7
3	5.97	27.16	−1	+5	3.73	18.27	+3	+1	3.57	68.16	+3	−1	5.45	57.09	−1	−8
4	5.87	26.94	0	+5	3.69	17.93	+3	−2	3.60	67.79	+3	−4	5.55	56.76	−3	−6
5	5.76	26.71	+2	+4	3.65	17.59	+2	−5	3.62	67.41	+2	−6	5.64	56.43	−4	−3
6	5.66	26.48	+3	+2	3.62	17.24	+1	−7	3.66	67.04	0	−8	5.74	56.10	−4	+1
7	5.57	26.24	+3	0	3.59	16.90	−1	−8	3.69	66.67	−2	−7	5.84	55.78	−3	+5
8	5.47	26.00	+3	−4	3.56	16.55	−3	−7	3.73	66.30	−3	−5	5.94	55.46	−1	+7
9	5.38	25.75	+2	−7	3.54	16.19	−4	−5	3.77	65.93	−4	−2	6.05	55.14	+1	+9
10	5.29	25.49	0	−9	3.52	15.84	−4	−1	3.81	65.56	−3	+2	6.15	54.83	+3	+8
11	5.20	25.23	−2	−9	3.50	15.48	−3	+3	3.85	65.19	−2	+5	6.26	54.52	+4	+6
12	5.12	24.97	−3	−7	3.48	15.13	−2	+6	3.90	64.83	0	+7	6.37	54.21	+5	+3
13	5.03	24.71	−4	−4	3.46	14.77	0	+8	3.95	64.46	+2	+8	6.48	53.91	+4	0
14	4.95	24.44	−4	0	3.45	14.41	+2	+8	4.00	64.09	+3	+7	6.59	53.60	+3	−3
15	4.86	24.16	−3	+4	3.44	14.05	+4	+7	4.05	63.72	+4	+5	6.70	53.31	+1	−5
16	4.78	23.89	−1	+7	3.43	13.69	+5	+4	4.10	63.36	+4	+2	6.82	53.01	0	−6
17	4.71	23.60	+1	+9	3.42	13.33	+4	+1	4.16	63.00	+3	−1	6.93	52.72	−2	−5
18	4.63	23.32	+3	+8	3.42	12.97	+3	−2	4.22	62.64	+2	−4	7.05	52.43	−3	−4
19	4.56	23.03	+4	+6	3.41	12.60	+2	−4	4.28	62.28	+1	−5	7.17	52.15	−4	−3
20	4.49	22.73	+5	+3	3.42	12.23	0	−5	4.34	61.92	−1	−6	7.29	51.87	−4	0
21	4.42	22.43	+4	0	3.42	11.86	−1	−5	4.41	61.56	−2	−5	7.41	51.59	−3	+2
22	4.36	22.13	+3	−3	3.42	11.49	−3	−5	4.48	61.21	−3	−4	7.54	51.32	−2	+4
23	4.29	21.83	+1	−5	3.43	11.13	−3	−3	4.55	60.86	−4	−2	7.66	51.05	−1	+5
24	4.23	21.52	0	−5	3.44	10.76	−4	0	4.62	60.51	−4	+1	7.79	50.78	+1	+5
25	4.17	21.21	−2	−5	3.45	10.39	−3	+2	4.69	60.16	−3	+3	7.92	50.52	+2	+3
26	4.11	20.90	−3	−4	3.46	10.02	−2	+4	4.76	59.81	−2	+4	8.05	50.26	+3	+1
27	4.05	20.58	−4	−2	3.48	9.65	−1	+5	4.84	59.46	0	+5	8.18	50.00	+3	−2
28	4.00	20.26	−4	+1	3.50	9.28	+1	+5	4.92	59.12	+1	+5	8.32	49.75	+2	−5
29	3.95	19.93	−3	+3	3.52	8.91	+2	+4	5.00	58.77	+2	+3	8.45	49.50	+1	−8
30	3.90	19.61	−2	+4					5.09	58.43	+3	0	8.59	49.26	−1	−9
31	3.85	19.27	0	+5					5.18	58.09	+3	−3	8.73	49.02	−3	−8
32	3.81	18.94	+1	+5					5.27	57.76	+2	−6				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−81° 40′ 40″	6.909	−6.836	−81° 41′ 0″	6.914	−6.841	−81° 41′ 20″	6.918	−6.845
50	6.911	−6.839	10	6.916	−6.843	30	6.920	−6.848

$\alpha_{1942.0} = 22^h\ 40^m\ 15^s.40$ $\delta_{1942.0} = -81°\ 41'\ 11''.81$

*) Tag der doppelten unteren Kulmination: März 2.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Si) β Octantis $4^m_{\cdot}34$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	22h 40m	81° 40′	0.01s	0.01″	22h 40m	81° 40′	0.01s	0.01″	22h 40m	81° 40′	0.01s	0.01″	22h 40m	81° 40′	0.01s	0.01″
1	8.73s	49.02″	−3	−8	13.44s	43.90″	−2	+5	18.18s	43.72″	+2	+9	22.11s	48.45″	+4	0
2	8.87	48.79	−4	−5	13.60	43.81	−1	+8	18.33	43.80	+4	+8	22.21	48.67	+3	−3
3	9.01	48.56	−4	−1	13.76	43.73	+2	+10	18.48	43.88	+5	+5	22.31	48.90	+1	−5
4	9.15	48.33	−3	+3	13.93	43.66	+3	+9	18.63	43.96	+5	+2	22.40	49.13	−1	−5
5	9.29	48.10	−2	+7	14.09	43.59	+5	+7	18.77	44.06	+4	−1	22.49	49.37	−2	−4
6	9.43	47.88	0	+9	14.25	43.53	+5	+4	18.92	44.16	+2	−4	22.58	49.60	−3	−2
7	9.58	47.67	+2	+9	14.41	43.47	+4	0	19.06	44.26	0	−5	22.66	49.85	−3	0
8	9.72	47.46	+4	+8	14.57	43.42	+3	−3	19.20	44.37	−1	−5	22.74	50.09	−3	+2
9	9.87	47.26	+5	+5	14.73	43.37	+1	−4	19.34	44.49	−2	−3	22.82	50.34	−2	+4
10	10.01	47.06	+4	+2	14.89	43.33	0	−5	19.48	44.61	−3	−2	22.90	50.59	−1	+5
11	10.16	46.87	+3	−1	15.05	43.30	−2	−5	19.61	44.74	−3	+1	22.98	50.85	0	+6
12	10.31	46.68	+2	−4	15.21	43.27	−3	−3	19.75	44.87	−3	+3	23.05	51.10	+1	+5
13	10.46	46.49	0	−5	15.38	43.24	−3	−1	19.88	45.00	−2	+4	23.12	51.37	+2	+3
14	10.61	46.31	−1	−5	15.54	43.22	−3	+1	20.02	45.14	−1	+5	23.19	51.63	+3	+1
15	10.76	46.13	−2	−4	15.70	43.21	−3	+3	20.15	45.29	+1	+5	23.26	51.90	+3	−3
16	10.91	45.96	−3	−3	15.86	43.20	−2	+4	20.28	45.44	+2	+4	23.32	52.17	+2	−6
17	11.07	45.80	−3	−1	16.02	43.19	−1	+5	20.41	45.59	+3	+2	23.38	52.44	+1	−8
18	11.22	45.63	−3	+1	16.18	43.20	+1	+5	20.53	45.75	+3	−1	23.44	52.71	−1	−9
19	11.38	45.48	−2	+3	16.34	43.20	+2	+3	20.66	45.92	+3	−4	23.50	52.99	−3	−8
20	11.53	45.33	−1	+4	16.49	43.22	+3	+1	20.78	46.09	+1	−7	23.55	53.27	−4	−5
21	11.69	45.18	0	+5	16.65	43.24	+3	−3	20.90	46.26	0	−9	23.60	53.55	−4	−2
22	11.85	45.04	+1	+4	16.81	43.26	+2	−6	21.02	46.44	−2	−9	23.65	53.84	−3	+2
23	12.00	44.90	+2	+2	16.96	43.29	+1	−9	21.14	46.62	−4	−8	23.70	54.12	−2	+6
24	12.16	44.76	+3	−1	17.12	43.32	−1	−10	21.26	46.81	−4	−4	23.74	54.41	0	+8
25	12.32	44.64	+3	−4	17.28	43.36	−3	−9	21.38	47.00	−4	0	23.78	54.70	+2	+8
26	12.47	44.51	+2	−7	17.43	43.41	−4	−6	21.49	47.19	−3	+4	23.82	54.99	+4	+7
27	12.63	44.40	0	−9	17.58	43.46	−4	−2	21.60	47.39	−1	+7	23.85	55.29	+5	+4
28	12.79	44.29	−2	−9	17.73	43.51	−3	+2	21.71	47.59	+1	+9	23.88	55.58	+4	+1
29	12.95	44.18	−3	−7	17.88	43.58	−2	+6	21.81	47.80	+3	+8	23.91	55.88	+3	−2
30	13.11	44.08	−4	−4	18.03	43.65	0	+9	21.91	48.01	+4	+6	23.94	56.18	+2	−5
31	13.28	43.99	−4	+1	18.18	43.72	+2	+9	22.01	48.23	+5	+3	23.97	56.48	0	−5
32	13.44	43.90	−2	+5					22.11	48.45	+4	0	23.99 24.01	56.78 57.08	−1 −3	−5 −3

δ	sec δ	tg δ	δ	sec δ	tg δ
−81° 40′ 40″	6.909	−6.836	−81° 40′ 50″	6.911	−6.839
50	6.911	−6.839	60	6.914	−6.841

$\alpha_{1942.0} = 22^h\ 40^m\ 15^s_{\cdot}40$ $\delta_{1942.0} = -81°\ 41'\ 11''_{\cdot}81$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Si) β Octantis $4^{m}.34$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
		—	in			—	in			—	in			—	in	
	$22^h 40^m$	81° 40′	$0^s.01$	0″.01	$22^h 40^m$	81° 41′	$0^s.01$	0″.01	$22^h 40^m$	81° 41′	$0^s.01$	0″.01	$22^h 40^m$	81° 41′	$0^s.01$	0″.01
1	23.99 24.01	56.78 57.08	−1 −3	−5 −3	23.27	6.08	−3	+2	20.24	13.06	+1	+5	16.14	15.03	+3	−1
2	24.03	57.38	−3	−1	23.20	6.36	−2	+4	20.11	13.21	+2	+3	16.01	15.00	+3	−5
3	24.04	57.69	−3	+1	23.13	6.63	−1	+6	19.99	13.35	+3	+1	15.87	14.96	+1	−8
4	24.05	57.99	−3	+3	23.06	6.91	0	+6	19.86	13.49	+3	−2	15.73	14.92	0	−10
5	24.05	58.30	−2	+5	22.99	7.18	+2	+5	19.73	13.63	+2	−6	15.60	14.87	−2	−10
6	24.06	58.60	0	+6	22.91	7.44	+3	+3	19.59	13.76	+1	−8	15.46	14.81	−4	−8
7	24.05	58.91	+1	+6	22.83	7.71	+3	0	19.46	13.88	−1	−9	15.33	14.75	−4	−4
8	24.05	59.22	+2	+4	22.75	7.97	+3	−3	19.33	14.00	−3	−8	15.19	14.68	−4	0
9	24.05	59.53	+3	+2	22.67	8.23	+2	−6	19.20	14.12	−4	−5	15.06	14.61	−3	+5
10	24.04	59.84	+3	−1	22.59	8.49	0	−8	19.06	14.22	−4	−2	14.92	14.53	−1	+8
11	24.03	60.15	+2	−4	22.50	8.74	−2	−8	18.93	14.32	−3	+3	14.79	14.45	+1	+9
12	24.02	60.46	+1	−7	22.41	8.99	−3	−7	18.79	14.42	−2	+6	14.66	14.35	+3	+9
13	24.00	60.76	0	−8	22.32	9.23	−4	−4	18.66	14.51	0	+9	14.52	14.25	+5	+6
14	23.99	61.07	−2	−8	22.23	9.47	−4	0	18.52	14.59	+2	+9	14.39	14.15	+5	+3
15	23.97	61.37	−4	−6	22.13	9.71	−3	+4	18.38	14.66	+4	+8	14.27	14.04	+4	0
16	23.94	61.68	−4	−3	22.04	9.94	−1	+7	18.24	14.73	+5	+5	14.14	13.92	+3	−3
17	23.92	61.98	−4	+1	21.93	10.17	+1	+8	18.10	14.79	+4	+1	14.01	13.79	+1	−5
18	23.89	62.28	−2	+5	21.83	10.39	+3	+8	17.96	14.85	+4	−2	13.88	13.66	−1	−5
19	23.86	62.58	−1	+7	21.73	10.61	+4	+6	17.82	14.90	+2	−4	13.75	13.53	−2	−4
20	23.82	62.89	+1	+8	21.62	10.83	+5	+3	17.68	14.95	0	−5	13.63	13.39	−3	−2
21	23.79	63.18	+3	+7	21.52	11.04	+4	0	17.54	14.99	−1	−5	13.51	13.24	−3	0
22	23.75	63.48	+4	+5	21.41	11.25	+3	−3	17.40	15.02	−2	−4	13.39	13.09	−3	+2
23	23.70	63.78	+4	+2	21.30	11.45	+1	−5	17.26	15.04	−3	−2	13.27	12.93	−2	+4
24	23.66	64.07	+4	−2	21.19	11.65	−1	−6	17.12	15.06	−3	0	13.15	12.77	−1	+5
25	23.61	64.36	+2	−4	21.07	11.84	−2	−5	16.99	15.08	−3	+3	13.03	12.60	0	+6
26	23.56	64.66	+1	−5	20.96	12.03	−3	−3	16.85	15.08	−2	+4	12.92	12.42	+1	+5
27	23.51	64.94	−1	−6	20.84	12.21	−3	−1	16.71	15.08	−1	+5	12.81	12.24	+2	+3
28	23.45	65.23	−2	−4	20.72	12.39	−3	+1	16.57	15.08	0	+5	12.70	12.06	+3	0
29	23.39	65.52	−3	−2	20.60	12.57	−3	+3	16.43	15.07	+2	+4	12.58	11.87	+3	−3
30	23.33	65.80	−3	0	20.48	12.74	−2	+5	16.28	15.05	+3	+2	12.47	11.67	+2	−7
31	23.27	66.08	−3	+2	20.36	12.90	0	+5	16.14	15.03	+3	−1	12.36	11.47	0	−9
32					20.24	13.06	+1	+5					12.26	11.26	−1	−10

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−81° 40′ 50″	6.911	−6.839	−81° 41′ 0″	6.914	−6.841	−81° 41′ 10″	6.916	−6.843
60	6.914	−6.841	10	6.916	−6.843	20	6.918	−6.845

$\alpha_{1942.0} = 22^h\ 40^m\ 15^s.40$ $\delta_{1942.0} = -81°\ 41'\ 11''.81$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sk) τ Octantis $5^{m}.56$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder	
		—	in			—	in	
	$23^h 19^m$	87° 48′	$0^s.01$	$0''.01$	$23^h 19^m$	87° 48′	$0^s.01$	$0''.01$
1	$40^s.99$	$24''.46$	−12	0	$28^s.63$	$16''.43$	+1	+5
2	40.50	24.28	−11	+2	28.34	16.11	+6	+4
3	40.01	24.09	−7	+4	28.07	15.78	+10	+2
4	39.53	23.90	−3	+5	27.80	15.45	+12	−1
5	39.05	23.70	+3	+5	27.54	15.12	+11	−4
6	38.58	23.49	+8	+3	27.29	14.78	+7	−7
7	38.12	23.28	+11	+1	27.05	14.44	+1	−8
8	37.66	23.06	+12	−3	26.82	14.09	−5	−8
9	37.20	22.84	+10	−6	26.60	13.75	−10	−6
10	36.76	22.61	+5	−8	26.38	13.39	−13	−2
11	36.32	22.37	−1	−9	26.18	13.04	−13	+1
12	35.88	22.13	−7	−8	25.98	12.69	−9	+5
13	35.45	21.89	−12	−5	25.79	12.33	−4	+8
14	35.02	21.64	−14	−1	25.61	11.97	+3	+9
15	34.60	21.39	−12	+3	25.44	11.61	+9	+8
16	34.19	21.14	−7	+7	25.28	11.25	+13	+5
17	33.79	20.87	−1	+9	25.12	10.88	+14	+2
18	33.40	20.61	+6	+9	24.98	10.52	+13	−1
19	33.01	20.34	+11	+7	24.84	10.15	+9	−3
20	32.63	20.06	+14	+5	24.72	9.78	+4	−5
21	32.26	19.78	+14	+1	24.60	9.41	−2	−6
22	31.89	19.49	+11	−2	24.49	9.04	−6	−5
23	31.53	19.20	+7	−4	24.39	8.66	−10	−4
24	31.17	18.91	+2	−5	24.29	8.29	−13	−2
25	30.82	18.62	−4	−5	24.21	7.91	−13	+1
26	30.49	18.32	−9	−4	24.14	7.53	−11	+3
27	30.16	18.02	−11	−3	24.07	7.16	−6	+5
28	29.83	17.71	−12	0	24.01	6.78	−1	+5
29	29.52	17.39	−12	+2	23.97	6.39	+4	+5
30	29.22	17.08	−9	+4				
31	28.92	16.76	−4	+5				
32	28.63	16.43	+1	+5				

Tag	März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
		—	in			—	in	
	$23^h 19^m$	87° 47′	$0^s.01$	$0''.01$	$23^h 19^m$	87° 47′	$0^s.01$	$0''.01$
1	$23^s.97$	$66''.39$	+4	+5	$26^s.74$	$54''.67$	+10	−5
2	23.93	66.01	+9	+3	26.96	54.31	+7	−7
3	23.90	65.63	+12	0	27.19	53.95	0	−8
4	23.88	65.25	+12	−3	27.43	53.59	−6	−7
5	23.86	64.86	+9	−6	27.68	53.23	−10	−4
6	23.86	64.48	+4	−7	27.93	52.88	−13	0
7	23.86	64.09	−2	−8	28.19	52.53	−12	+3
8	23.87	63.71	−8	−6	28.46	52.18	−8	+7
9	23.89	63.33	−12	−3	28.74	51.84	−2	+9
10	23.92	62.95	−13	+1	29.02	51.50	+5	+9
11	23.96	62.56	−11	+4	29.31	51.16	+10	+7
12	*)24.01	62.18	−6	+7	29.61	50.82	+13	+5
13	24.07	61.80	0	+8	29.91	50.48	+14	+2
14	24.13	61.42	+6	+8	30.22	50.15	+12	−1
15	24.20	61.03	+11	+6	30.54	49.81	+8	−4
16	24.28	60.65	+14	+3	30.86	49.49	+3	−5
17	24.37	60.27	+13	0	31.20	49.16	−2	−6
18	24.47	59.89	+11	−3	31.54	48.84	−7	−5
19	24.58	59.51	+6	−5	31.88	48.52	−11	−4
20	24.70	59.13	+1	−6	32.24	48.21	−13	−2
21	24.82	58.75	−4	−6	32.60	47.90	−13	+1
22	24.96	58.38	−9	−5	32.97	47.59	−10	+3
23	25.10	58.00	−12	−3	33.34	47.28	−6	+4
24	25.25	57.62	−13	−1	33.72	46.98	−1	+5
25	25.41	57.25	−12	+2	34.10	46.68	+5	+4
26	25.57	56.87	−8	+4	34.49	46.38	+10	+2
27	25.74	56.50	−4	+5	34.89	46.09	+12	−1
28	25.93	56.13	+2	+5	35.30	45.80	+12	−4
29	26.12	55.76	+7	+4	35.71	45.52	+9	−7
30	26.31	55.40	+11	+1	36.12	45.24	+3	−8
31	26.52	55.03	+12	−2	36.55	44.97	−3	−8
32	26.74	54.67	+10	−5				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 47′ 40″	25.984	−25.965	−87° 47′ 0″	26.050	−26.031	−87° 48′ 20″	26.116	−26.097
50	26.017	−25.998	10	26.083	−26.064	30	26.149	−26.130

$\alpha_{1942.0} = 23^h\ 20^m\ 10^s.06$ $\delta_{1942.0} = -87°\ 48'\ 5''.52$

*) Tag der doppelten unteren Kulmination: März 12.

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sk) τ Octantis $5^m.56$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder in 0.01 s	Mai ☾ Glieder in 0.01″	Juni AR.	Juni Dekl.	Juni ☾ Glieder in 0.01 s	Juni ☾ Glieder in 0.01″	Juli AR.	Juli Dekl.	Juli ☾ Glieder in 0.01 s	Juli ☾ Glieder in 0.01″	August AR.	August Dekl.	August ☾ Glieder in 0.01 s	August ☾ Glieder in 0.01″
	$23^h 19^m$	−87° 47′			$23^h 19^m$	−87° 47′			$23^h 20^m$	−87° 47′			$23^h 20^m$	−87° 47′		
1	36.55	44.97	−3	−8	51.95	38.60	−12	+4	8.86	37.20	+3	+10	24.27	40.95	+15	+1
2	36.98	44.70	−9	−6	52.50	38.47	−7	+8	9.42	37.24	+9	+9	24.69	41.15	+12	−2
3	37.41	44.43	−13	−2	53.05	38.35	−1	+10	9.97	37.28	+14	+6	25.09	41.35	+7	−4
4	37.85	44.17	−13	+2	53.61	38.23	+6	+10	10.52	37.34	+15	+3	25.49	41.56	+1	−5
5	38.30	43.91	−10	+6	54.17	38.12	+12	+8	11.07	37.39	+14	0	25.88	41.77	−4	−4
6	38.75	43.65	−4	+9	54.73	38.02	+14	+5	11.61	37.46	+10	−3	26.27	41.99	−9	−3
7	39.20	43.40	+2	+10	55.29	37.92	+14	+2	12.15	37.53	+4	−4	26.64	42.21	−12	−1
8	39.66	43.15	+8	+9	55.85	37.82	+12	−2	12.68	37.60	−1	−5	27.01	42.44	−12	+1
9	40.13	42.91	+13	+6	56.41	37.74	+7	−4	13.22	37.68	−6	−4	27.38	42.67	−10	+3
10	40.60	42.67	+14	+3	56.98	37.66	+1	−5	13.74	37.77	−10	−2	27.73	42.90	−8	+5
11	41.07	42.44	+13	0	57.55	37.58	−4	−5	14.27	37.86	−12	0	28.08	43.14	−3	+5
12	41.55	42.21	+10	−3	58.12	37.51	−8	−4	14.80	37.95	−12	+1	28.42	43.38	+2	+5
13	42.03	41.98	+5	−5	58.69	37.44	−11	−2	15.32	38.05	−10	+3	28.75	43.63	+7	+4
14	42.52	41.76	0	−5	59.26	37.38	−12	0	15.84	38.16	−6	+5	29.07	43.87	+10	+2
15	43.01	41.54	−5	−5	59.83	37.32	−11	+2	16.35	38.27	−1	+5	29.38	44.13	+12	−1
16	43.51	41.33	−9	−4	60.40	37.27	−9	+3	16.86	38.38	+3	+5	29.69	44.38	+10	−5
17	44.01	41.12	−12	−2	60.97	37.23	−5	+4	17.36	38.50	+8	+3	29.99	44.64	+7	−8
18	44.52	40.92	−12	0	61.54	37.19	0	+5	17.86	38.63	+11	0	30.28	44.90	+1	−9
19	45.03	40.72	−11	+2	62.10	37.16	+5	+4	18.35	38.76	+12	−3	30.56	45.17	−5	−9
20	45.54	40.53	−8	+4	62.67	37.13	+9	+1	18.84	38.90	+9	−6	30.83	45.44	−11	−6
21	46.06	40.34	−3	+5	63.24	37.11	+12	−2	19.32	39.05	+5	−9	31.10	45.71	−14	−3
22	46.58	40.16	+2	+4	63.81	37.09	+11	−5	19.80	39.20	−2	−9	31.35	45.99	−14	+1
23	47.10	39.98	+7	+3	64.38	37.08	+8	−8	20.27	39.35	−8	−8	31.60	46.26	−10	+5
24	47.63	39.80	+11	0	64.95	37.08	+2	−10	20.74	39.51	−13	−6	31.83	46.54	−4	+7
25	48.15	39.63	+12	−3	65.51	37.08	−4	−9	21.20	39.67	−14	−1	32.06	46.83	+3	+8
26	48.69	39.47	+10	−6	66.07	37.08	−10	−7	21.66	39.84	−12	+3	32.27	47.11	+9	+7
27	49.22	39.31	+6	−9	66.63	37.09	−14	−3	22.11	40.01	−8	+7	32.48	47.40	+14	+5
28	49.76	39.15	+1	−9	67.19	37.11	−14	+1	22.55	40.19	−1	+9	32.68	47.69	+15	+2
29	50.30	39.01	−7	−8	67.75	37.13	−10	+5	22.99	40.37	+6	+9	32.86	47.98	+13	−1
30	50.85	38.86	−12	−5	68.31	37.16	−4	+8	23.42	40.56	+12	+7	33.04	48.28	+9	−4
31	51.40	38.73	−14	0	68.86	37.20	+3	+10	23.85	40.75	+15	+4	33.21	48.58	+3	−5
32	51.95	38.60	−12	+4					24.27	40.95	+15	+1	33.37	48.87	−3	−5

δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 47′ 30″	25.952	−25.932	−87° 47′ 40″	25.984	−25.965
40	25.984	−25.965	50	26.017	−25.998

$\alpha_{1942.0} = 23^h\ 20^m\ 10^s.06$ $\delta_{1942.0} = -87°\ 48'\ 5''.52$

Scheinbare Sternörter 1942

Obere Kulmination Greenwich

Sk) τ Octantis $5^{m}_{.}56$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$23^h 20^m$	87° 47′	$0^s.01$	$0''.01$	$23^h 20^m$	87° 47′	$0^s.01$	$0''.01$	$23^h 20^m$	87° 48′	$0^s.01$	$0''.01$	$23^h 19^m$	87° 48′	$0^s.01$	$0''.01$
	s	″			s	″			s	″			s	″		
1	33.37	48.87	− 3	−5	33.13	58.52	−12	+1	23.44	6.48	+ 1	+5	68.08	9.73	+11	0
2	33.52	49.18	− 7	−4	32.96	58.82	−10	+3	23.00	6.67	+ 6	+4	67.52	9.74	+12	− 4
3	33.66	49.48	−11	−2	32.77	59.12	− 7	+5	22.55	6.86	+10	+2	66.97	9.75	+ 9	− 7
4	33.78	49.78	−12	0	32.58	59.42	− 2	+5	22.10	7.04	+12	−1	66.41	9.75	+ 5	− 9
5	33.90	50.09	−12	+2	32.38	59.71	+ 3	+5	21.63	7.21	+11	−5	65.86	9.74	− 2	−10
6	34.01	50.40	− 9	+4	32.17	60.01	+ 8	+3	21.17	7.38	+ 8	−7	65.31	9.72	− 8	− 8
7	34.10	50.70	− 5	+5	31.94	60.30	+11	+1	20.69	7.55	+ 2	−9	64.76	9.70	−13	− 5
8	34.19	51.02	0	+5	31.71	60.59	+12	−2	20.21	7.71	− 4	−8	64.20	9.67	−14	− 1
9	34.26	51.33	+ 5	+5	31.47	60.88	+10	−5	19.73	7.87	−10	−6	63.64	9.64	−13	+ 3
10	34.33	51.65	+10	+3	31.22	61.16	+ 6	−8	19.24	8.01	−13	−3	63.08	9.60	− 8	+ 7
11	34.38 / 34.43	51.96 / 52.28	+12 / +12	0 / −3	30.96	61.44	0	−8	18.75	8.16	−14	+1	62.53	9.56	− 1	+ 9
12	34.46	52.59	+ 9	−6	30.69	61.72	− 6	−7	18.25	8.29	−10	+5	61.98	9.50	+ 5	+ 9
13	34.49	52.91	+ 4	−8	30.41	62.00	−12	−5	17.75	8.42	− 5	+8	61.43	9.44	+12	+ 7
14	34.50	53.22	− 3	−8	30.12	62.27	−14	−1	17.24	8.55	+ 2	+9	60.88	9.38	+15	+ 5
15	34.51	53.54	− 9	−7	29.82	62.54	−13	+3	16.72	8.67	+ 9	+8	60.33	9.31	+15	+ 1
16	34.50	53.85	−13	−4	29.51	62.80	− 8	+6	16.20	8.78	+13	+6	59.78	9.23	+12	− 2
17	34.48	54.17	−14	0	29.19	63.06	− 2	+8	15.68	8.89	+15	+3	59.24	9.14	+ 7	− 4
18	34.45	54.48	−11	+4	28.86	63.32	+ 4	+8	15.16	8.99	+13	−1	58.70	9.05	+ 1	− 5
19	34.41	54.80	− 7	+7	28.53	63.57	+10	+7	14.63	9.09	+10	−3	58.16	8.95	− 4	− 4
20	34.36	55.11	0	+8	28.18	63.82	+14	+4	14.10	9.18	+ 4	−5	57.62	8.85	− 9	− 3
21	34.30	55.43	+ 7	+8	27.83	64.07	+14	+1	13.56	9.26	− 1	−5	57.08	8.74	−11	− 1
22	34.23	55.74	+12	+6	27.47	64.31	+12	−2	13.03	9.34	− 6	−4	56.55	8.62	−11	+ 1
23	34.15	56.05	+14	+3	27.10	64.55	+ 8	−4	12.49	9.41	−10	−3	56.02	8.50	−10	+ 3
24	34.06	56.37	+14	0	26.73	64.78	+ 2	−5	11.95	9.47	−12	−1	55.50	8.37	− 7	+ 5
25	33.96	56.68	+11	−3	26.34	65.01	− 3	−5	11.41	9.53	−12	+1	54.98	8.23	− 3	+ 5
26	33.85	56.98	+ 6	−5	25.95	65.23	− 8	−4	10.86	9.58	−10	+3	54.46	8.09	+ 2	+ 5
27	33.72	57.29	0	−5	25.55	65.45	−11	−2	10.31	9.62	− 6	+5	53.95	7.94	+ 6	+ 4
28	33.59	57.60	− 6	−5	25.14	65.67	−12	0	9.75	9.66	− 2	+5	53.44	7.79	+10	+ 1
29	33.45	57.91	−10	−3	24.73	65.88	−12	+2	9.19	9.69	+ 3	+4	52.93	7.63	+12	− 2
30	33.29	58.21	−12	−1	24.31	66.09	− 9	+4	8.63	9.71	+ 8	+3	52.43	7.46	+11	− 6
31	33.13	58.52	−12	+1	23.88	66.29	− 4	+5	8.08	9.73	+11	0	51.93	7.29	+ 7	− 9
32					23.44	66.48	+ 1	+5					51.44	7.11	+ 1	−10

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 47′ 40″	25.984	−25.965	−87° 47′ 50″	26.017	−25.998	−87° 48′ 0″	26.050	−26.031
50	26.017	−25.998	60	26.050	−26.031	10	26.083	−26.064

$\alpha_{1942.0} = 23^h\ 20^m\ 10^s.06$ $\delta_{1942.0} = -87°\ 48'\ 5''.52$

Polnahe Sterne 1942

Koordinaten der scheinbaren Örter für 12h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10m56		BD +89° 3 Gr. 9m06		BD +89° 37 Gr. 10m06		CPD −89° 38 Gr. 9m5		Kurzperiod. Nutationsgl.*)	
1942	x	y	x	y	x	y	x	y	in x Einh.	in y 0″01
Jan. 0	−338″80	+85″31	−139″38	+870″13	−1120″28	−339″05	− 7″63	−319″96	+4	+5
1	338.80	84.97	139.38	869.79	1120.28	339.39	7.50	320.28	+2	+7
2	338.80	84.63	139.38	869.46	1120.28	339.72	7.37	320.59	0	+7
3	338.80	84.30	139.38	869.12	1120.28	340.06	7.23	320.91	−2	+6
4	338.78	83.96	139.36	868.79	1120.26	340.40	7.08	321.22	−4	+4
5	−338.76	+83.62	−139.34	+868.45	−1120.24	−340.74	− 6.93	−321.53	−5	+1
6	338.73	83.29	139.31	868.11	1120.21	341.08	6.77	321.84	−5	−2
7	338.70	82.95	139.28	867.77	1120.18	341.42	6.60	322.15	−3	−5
8	338.66	82.62	139.24	867.44	1120.14	341.75	6.43	322.46	0	−7
9	338.62	82.28	139.20	867.10	1120.10	342.09	6.26	322.76	+3	−7
10	−338.56	+81.95	−139.15	+866.78	−1120.04	−342.42	− 6.08	−323.06	+6	−6
11	338.50	81.62	139.09	866.45	1119.98	342.75	5.89	323.36	+8	−3
12	338.44	81.30	139.02	866.12	1119.92	343.07	5.70	323.65	+9	0
13	338.37	80.97	138.95	865.80	1119.85	343.40	5.50	323.95	+7	+4
14	338.29	80.65	138.87	865.48	1119.77	343.72	5.30	324.24	+4	+7
15	−338.20	+80.33	−138.79	+865.15	−1119.68	−344.04	− 5.09	−324.52	0	+8
16	338.11	80.01	138.70	864.84	1119.59	344.36	4.87	324.81	−4	+7
17	338.01	79.69	138.60	864.52	1119.49	344.68	4.65	325.09	−7	+4
18	337.91	79.37	138.50	864.21	1119.39	345.00	4.43	325.37	−9	+1
19	337.80	79.06	138.39	863.89	1119.28	345.32	4.20	325.64	−9	−3
20	−337.68	+78.74	−138.28	+863.59	−1119.16	−345.63	− 3.96	−325.92	−7	−6
21	337.56	78.44	138.16	863.28	1119.04	345.94	3.72	326.18	−4	−7
22	337.43	78.13	138.03	862.98	1118.91	346.24	3.48	326.45	−1	−7
23	337.30	77.83	137.89	862.68	1118.77	346.55	3.23	326.71	+2	−6
24	337.16	77.53	137.75	862.38	1118.63	346.84	2.97	326.97	+4	−4
25	−337.01	+77.24	−137.61	+862.08	−1118.49	−347.14	− 2.71	−327.22	+5	−1
26	336.85	76.95	137.45	861.79	1118.34	347.43	2.45	327.47	+5	+2
27	336.69	76.66	137.29	861.50	1118.18	347.72	2.18	327.72	+4	+5
28	336.53	76.37	137.13	861.21	1118.02	348.01	1.91	327.96	+3	+6
29	336.36	76.09	136.96	860.93	1117.85	348.29	1.63	328.20	0	+7
30	−336.19	+75.80	−136.79	+860.64	−1117.68	−348.58	− 1.35	−328.44	−2	+6
31	336.01	75.53	136.61	860.37	1117.50	348.85	1.07	328.67	−4	+5
Febr. 1	335.82	75.26	136.42	860.10	1117.31	349.12	0.78	328.90	−5	+2
2	335.63	74.99	136.23	859.83	1117.12	349.39	0.49	329.12	−5	−1
3	335.44	74.72	136.04	859.56	1116.93	349.66	− 0.19	329.34	−4	−4
4	−335.23	+74.47	−135.83	+859.31	−1116.72	−349.91	+ 0.11	−329.55	−2	−6
5	335.02	74.21	135.62	859.05	1116.51	350.17	0.42	329.76	+1	−7
6	−334.81	+73.96	−135.41	+858.80	−1116.30	−350.42	+ 0.73	−329.97	+5	−6
Mittl. Ort	−320″05	+78″69	−120″65	+863″51	−1101″53	−345″68	+14″06	−307″37		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1942

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10^m56		BD +89° 3 Gr. 9^m06		BD +89° 37 Gr. 10^m06		CPD −89° 38 Gr. 9^m5		Kurzperiod. Nutationsgl.*)	
1942	x	y	x	y	x	y	x	y	in x Einh.	in y 0″01
Febr. 6	−334″81	+73″96	−135″41	+858″80	−1116″30	−350″42	+ 0″73	−329″97	+5	−6
7	334.60	73.71	135.19	858.55	1116.09	350.67	1.04	330.18	+7	−4
8	334.38	73.47	134.97	858.31	1115.87	350.91	1.36	330.38	+8	−1
9	334.15	73.23	134.75	858.07	1115.64	351.15	1.68	330.57	+7	+2
10	333.92	72.99	134.52	857.83	1115.41	351.39	2.00	330.76	+5	+5
11	−333.69	+72.77	−134.28	+857.61	−1115.18	−351.62	+ 2.33	−330.95	+2	+7
12	333.45	72.54	134.04	857.38	1114.94	351.84	2.66	331.13	−2	+7
13	333.20	72.32	133.80	857.16	1114.69	352.06	2.99	331.30	−6	+5
14	332.95	72.11	133.55	856.95	1114.44	352.28	3.33	331.47	−8	+2
15	332.70	71.90	133.29	856.74	1114.19	352.49	3.67	331.64	−8	−2
16	−332.44	+71.70	−133.03	+856.54	−1113.93	−352.69	+ 4.01	−331.80	−7	−5
17	332.18	71.50	132.77	856.34	1113.67	352.89	4.35	331.96	−5	−7
18	331.91	71.30	132.51	856.15	1113.40	353.09	4.70	332.11	−2	−7
19	331.65	71.12	132.24	855.96	1113.14	353.28	5.05	332.26	+1	−7
20	331.37	70.93	131.97	855.78	1112.86	353.46	5.40	332.41	+4	−5
21	−331.10	+70.76	−131.69	+855.60	−1112.59	−353.64	+ 5.75	−332.54	+5	−2
22	330.82	70.59	131.42	855.43	1112.31	353.81	6.11	332.68	+6	+1
23	330.54	70.42	131.13	855.27	1112.03	353.98	6.47	332.81	+5	+4
24	330.25	70.26	130.85	855.11	1111.74	354.14	6.83	332.93	+4	+6
25	329.96	70.11	130.56	854.96	1111.45	354.29	7.19	333.05	+2	+7
26	−329.67	+69.96	−130.27	+854.81	−1111.16	−354.44	+ 7.56	−333.16	−1	+7
27	329.38	69.82	129.98	854.67	1110.87	354.59	7.93	333.27	−3	+6
28	329.08	69.68	129.68	854.53	1110.57	354.73	8.29	333.38	−5	+3
März 1	328.78	69.55	129.39	854.40	1110.27	354.86	8.66	333.48	−5	0
2	328.48	69.43	129.09	854.28	1109.97	354.98	9.03	333.57	−5	−3
3	−328.18	+69.31	−128.78	+854.16	−1109.67	−355.10	+ 9.41	−333.66	−3	−6
4	327.87	69.19	128.48	854.04	1109.36	355.22	9.78	333.75	0	−7
5	327.56	69.09	128.17	853.94	1109.05	355.32	10.16	333.83	+3	−7
6	327.25	68.98	127.86	853.83	1108.74	355.42	10.54	333.90	+6	−5
7	326.94	68.89	127.55	853.74	1108.43	355.51	10.92	333.97	+7	−2
8	−326.62	+68.80	−127.23	+853.65	−1108.11	−355.60	+11.30	−334.04	+7	+1
9	326.31	68.71	126.91	853.56	1107.80	355.69	11.68	334.10	+5	+4
10	325.99	68.64	126.60	853.49	1107.48	355.76	12.06	334.16	+2	+7
11	325.67	68.56	126.28	853.41	1107.16	355.84	12.44	334.21	−1	+7
12	325.36	68.50	125.96	853.35	1106.85	355.90	12.82	334.25	−5	+6
13	−325.04	+68.44	−125.64	+853.29	−1106.53	−355.96	+13.20	−334.29	−7	+3
14	324.72	68.39	125.32	853.24	1106.21	356.01	13.58	334.33	−8	0
15	−324.40	+68.34	−125.00	+853.19	−1105.89	−356.06	+13.97	−334.36	−8	−3
Mittl. Ort	−320″05	+78″69	−120″65	+863″51	−1101″53	−345″68	+14″06	−307″37		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1942

Koordinaten der scheinbaren Örter für 12ʰ Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10ᵐ56		BD +89° 3 Gr. 9ᵐ06		BD +89° 37 Gr. 10ᵐ06		CPD −89° 38 Gr. 9ᵐ5		Kurzperiod. Nutationsgl.*)	
1942	x	y	x	y	x	y	x	y	in x Einh. 0″01	in y
März 15	−324.40	+68.34	−125.00	+853.19	−1105.89	−356.06	+13.97	−334.36	−8	−3
16	324.08	68.31	124.68	853.16	1105.57	356.09	14.36	334.38	−6	−6
17	323.75	68.27	124.35	853.12	1105.24	356.13	14.74	334.40	−3	−7
18	323.43	68.25	124.03	853.10	1104.92	356.15	15.13	334.42	0	−7
19	323.10	68.23	123.71	853.08	1104.59	356.17	15.52	334.43	+3	−6
20	−322.78	+68.21	−123.40	+853.06	−1104.27	−356.19	+15.90	−334.44	+5	−3
21	322.45	68.20	123.08	853.06	1103.94	356.20	16.29	334.44	+6	0
22	322.13	68.20	122.76	853.06	1103.62	356.20	16.67	334.44	+6	+3
23	321.81	68.21	122.44	853.06	1103.30	356.19	17.05	334.43	+5	+5
23	321.48	68.22	122.12	853.07	1102.97	356.18	17.44	334.42	+3	+7
24	−321.16	+68.24	−121.79	+853.09	−1102.65	−356.16	+17.82	−334.40	+1	+7
25	320.85	68.26	121.47	853.12	1102.34	356.14	18.20	334.37	−2	+6
26	320.53	68.29	121.15	853.15	1102.02	356.11	18.59	334.34	−4	+4
27	320.21	68.33	120.82	853.19	1101.70	356.07	18.97	334.31	−5	+2
28	319.89	68.37	120.50	853.23	1101.38	356.03	19.36	334.27	−5	−2
29	−319.57	+68.42	−120.18	+853.28	−1101.06	−355.99	+19.74	−334.23	−3	−5
30	319.26	68.47	119.87	853.34	1100.75	355.93	20.12	334.18	−1	−7
31	318.94	68.53	119.55	853.40	1100.43	355.87	20.50	334.13	+2	−7
April 1	318.63	68.60	119.24	853.46	1100.12	355.81	20.88	334.07	+5	−6
2	318.32	68.67	118.93	853.53	1099.81	355.74	21.25	334.01	+7	−4
3	−318.01	+68.75	−118.62	+853.61	−1099.50	−355.66	+21.63	−333.94	+7	0
4	317.70	68.84	118.32	853.69	1099.20	355.57	22.00	333.87	+6	+3
5	317.40	68.93	118.01	853.78	1098.89	355.48	22.37	333.79	+3	+6
6	317.10	69.03	117.71	853.88	1098.59	355.38	22.74	333.71	0	+8
7	316.80	69.13	117.41	853.98	1098.29	355.28	23.11	333.63	−4	+7
8	−316.50	+69.24	−117.11	+854.09	−1097.99	−355.17	+23.48	−333.54	−7	+5
9	316.20	69.35	116.81	854.20	1097.69	355.06	23.85	333.44	−9	+1
10	315.91	69.47	116.52	854.32	1097.40	354.94	24.22	333.34	−9	−2
11	315.62	69.59	116.23	854.44	1097.11	354.82	24.58	333.24	−7	−5
12	315.33	69.72	115.94	854.57	1096.82	354.69	24.94	333.13	−4	−7
13	−315.05	+69.86	−115.66	+854.71	−1096.53	−354.55	+25.30	−333.01	−1	−7
14	314.77	70.00	115.38	854.85	1096.25	354.41	25.65	332.89	+2	−6
15	314.49	70.15	115.10	855.00	1095.97	354.26	26.00	332.77	+4	−4
16	314.21	70.30	114.82	855.15	1095.69	354.11	26.35	332.64	+5	−2
17	313.93	70.46	114.54	855.31	1095.41	353.95	26.70	332.51	+6	+1
18	−313.66	+70.62	−114.27	+855.47	−1095.14	−353.79	+27.05	−332.37	+5	+4
19	313.39	70.78	114.01	855.63	1094.87	353.63	27.39	332.23	+4	+6
20	−313.13	+70.95	−113.74	+855.80	−1094.61	−353.46	+27.73	−332.09	+2	+7
Mittl. Ort	−320.05	+78.69	−120.65	+863.51	−1101.53	−345.68	+14.06	−307.37		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1942

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag		BD +89° 1 Gr. $10^m.56$		BD +89° 3 Gr. $9^m.06$		BD +89° 37 Gr. $10^m.06$		CPD −89° 38 Gr. $9^m.5$		Kurzperiod. Nutationsgl.*)	
1942		x	y	x	y	x	y	x	y	in x Einh. 0."01	in y Einh. 0."01
April	20	−313."13	+70."95	−113."74	+855."80	−1094."61	−353."46	+27."73	−332."09	+2	+7
	21	312.87	71.13	113.48	855.98	1094.35	353.28	28.07	331.94	−1	+7
	22	312.62	71.31	113.23	856.16	1094.10	353.10	28.40	331.79	−3	+5
	23	312.37	71.49	112.98	856.34	1093.85	352.92	28.74	331.63	−4	+3
	24	312.12	71.68	112.74	856.53	1093.60	352.73	29.07	331.47	−5	0
	25	−311.88	+71.88	−112.50	+856.73	−1093.36	−352.53	+29.40	−331.30	−4	−3
	26	311.64	72.08	112.26	856.93	1093.12	352.33	29.72	331.13	−2	−6
	27	311.40	72.28	112.02	857.13	1092.88	352.13	30.04	330.96	+1	−8
	28	311.17	72.49	111.79	857.34	1092.65	351.92	30.36	330.78	+5	−7
	29	310.94	72.70	111.56	857.55	1092.42	351.71	30.68	330.60	+7	−5
	30	−310.72	+72.92	−111.34	+857.77	−1092.19	−351.49	+30.99	−330.41	+8	−2
Mai	1	310.50	73.14	111.12	857.99	1091.98	351.27	31.30	330.22	+7	+2
	2	310.29	73.36	110.91	858.21	1091.76	351.04	31.60	330.03	+5	+5
	3	310.08	73.59	110.70	858.44	1091.55	350.81	31.91	329.83	+1	+7
	4	309.88	73.82	110.50	858.67	1091.35	350.58	32.20	329.63	−3	+7
	5	−309.68	+74.06	−110.30	+858.91	−1091.15	−350.34	+32.50	−329.42	−7	+6
	6	309.49	74.30	110.11	859.15	1090.96	350.10	32.79	329.21	−9	+3
	7	309.30	74.54	109.92	859.39	1090.77	349.86	33.08	329.00	−9	−1
	8	309.12	74.79	109.74	859.64	1090.59	349.61	33.37	328.78	−8	−4
	9	308.94	75.04	109.56	859.89	1090.41	349.36	33.65	328.56	−6	−6
	10	−308.76	+75.29	−109.38	+860.14	−1090.23	−349.11	+33.93	−328.34	−3	−7
	11	308.59	75.55	109.21	860.40	1090.06	348.85	34.20	328.11	0	−7
	12	308.43	75.81	109.05	860.66	1089.90	348.59	34.47	327.88	+3	−5
	13	308.27	76.07	108.89	860.92	1089.74	348.33	34.73	327.65	+5	−3
	14	308.11	76.34	108.73	861.19	1089.58	348.06	34.99	327.41	+5	0
	15	−307.96	+76.61	−108.58	+861.46	−1089.43	−347.79	+35.25	−327.17	+5	+3
	16	307.82	76.88	108.44	861.73	1089.29	347.52	35.50	326.93	+4	+5
	17	307.68	77.15	108.30	862.00	1089.15	347.25	35.75	326.69	+2	+6
	18	307.54	77.43	108.17	862.28	1089.01	346.97	36.00	326.44	0	+7
	19	307.41	77.71	108.04	862.55	1088.88	346.70	36.24	326.19	−1	+6
	20	−307.29	+77.99	−107.92	+862.83	−1088.76	−346.42	+36.47	−325.94	−4	+4
	21	307.18	78.27	107.80	863.12	1088.64	346.13	36.70	325.68	−5	+1
	22	307.07	78.56	107.69	863.40	1088.53	345.85	36.93	325.42	−4	−2
	23	306.96	78.85	107.59	863.69	1088.42	345.56	37.15	325.15	−2	−5
	24	306.86	79.14	107.49	863.98	1088.32	345.27	37.36	324.89	0	−7
	25	−306.77	+79.43	−107.40	+864.27	−1088.23	−344.98	+37.57	−324.61	+4	−8
	26	306.68	79.73	107.31	864.57	1088.14	344.68	37.78	324.34	+7	−6
	27	−306.60	+80.02	−107.23	+864.86	−1088.05	−344.39	+37.98	−324.07	+9	−3
Mittl. Ort		−320."05	+78."69	−120."65	+863."51	−1101."53	−345."68	+14."06	−307."37		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1942

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag		BD +89° 1 Gr. 10m56		BD +89° 3 Gr. 9m06		BD +89° 37 Gr. 10m06		CPD −89° 38 Gr. 9m5		Kurzperiod. Nutationsgl.*)	
1942		x	y	x	y	x	y	x	y	in x	in y
		"	"	"	"	"	"	"	"	Einh. 0".01	
Mai	27	−306.60	+80.02	−107.23	+864.86	−1088.05	−344.39	+37.98	−324.07	+ 9	−3
	28	306.52	80.32	107.15	865.16	1087.97	344.09	38.18	323.79	+ 9	0
	29	306.44	80.62	107.08	865.46	1087.90	343.80	38.37	323.51	+ 7	+4
	30	306.38	80.92	107.01	865.76	1087.83	343.50	38.56	323.23	+ 4	+7
	31	306.32	81.22	106.95	866.06	1087.77	343.20	38.74	322.95	− 1	+8
Juni	1	−306.26	+81.52	−106.90	+866.36	−1087.72	−342.90	+38.92	−322.66	− 5	+7
	2	306.21	81.82	106.85	866.66	1087.67	342.59	39.09	322.37	− 8	+4
	3	306.17	82.13	106.81	866.97	1087.62	342.29	39.25	322.08	−10	+1
	4	306.13	82.44	106.77	867.28	1087.58	341.98	39.41	321.79	− 9	−3
	5	306.10	82.75	106.74	867.59	1087.55	341.67	39.57	321.49	− 8	−6
	6	−306.07	+83.06	−106.71	+867.90	−1087.52	−341.36	+39.72	−321.20	− 5	−7
	7	306.05	83.37	106.69	868.22	1087.50	341.04	39.87	320.90	− 1	−7
	8	306.04	83.68	106.68	868.53	1087.49	340.73	40.01	320.60	+ 2	−6
	9	306.03	83.99	106.67	868.84	1087.48	340.42	40.15	320.30	+ 4	−3
	10	306.03	84.30	106.67	869.15	1087.47	340.11	40.28	320.00	+ 5	−1
	11	−306.03	+84.61	−106.67	+869.46	−1087.47	−339.80	+40.40	−319.69	+ 5	+2
	12	306.04	84.92	106.68	869.76	1087.48	339.49	40.52	319.39	+ 4	+4
	13	306.05	85.23	106.69	870.07	1087.49	339.18	40.63	319.08	+ 2	+6
	14	306.07	85.54	106.71	870.38	1087.51	338.88	40.74	318.77	0	+7
	15	306.10	85.85	106.74	870.68	1087.54	338.57	40.84	318.46	− 2	+6
	16	−306.13	+86.16	−106.77	+870.99	−1087.57	−338.26	+40.94	−318.15	− 3	+5
	17	306.17	86.47	106.81	871.30	1087.61	337.95	41.03	317.84	− 4	+2
	18	306.21	86.79	106.85	871.62	1087.65	337.63	41.12	317.53	− 4	−1
	19	306.26	87.10	106.90	871.93	1087.70	337.32	41.20	317.22	− 3	−4
	20	306.32	87.40	106.96	872.23	1087.75	337.02	41.27	316.90	− 1	−6
	21	−306.38	+87.71	−107.02	+872.54	−1087.81	−336.71	+41.34	−316.59	+ 2	−7
	22	306.44	88.02	107.08	872.85	1087.88	336.40	41.41	316.27	+ 6	−7
	23	306.52	88.32	107.16	873.15	1087.95	336.10	41.46	315.96	+ 8	−5
	24	306.60	88.63	107.24	873.46	1088.03	335.79	41.51	315.64	+ 9	−2
	25	306.68	88.93	107.32	873.76	1088.11	335.49	41.56	315.32	+ 9	+2
	26	−306.77	+89.24	−107.41	+874.07	−1088.20	−335.18	+41.60	−315.00	+ 6	+6
	27	306.86	89.54	107.50	874.37	1088.29	334.88	41.64	314.68	+ 2	+8
	28	306.95	89.85	107.60	874.68	1088.38	334.57	41.67	314.37	− 2	+8
	29	307.06	90.15	107.71	874.98	1088.49	334.27	41.69	314.05	− 6	+6
	30	307.17	90.45	107.82	875.28	1088.60	333.97	41.71	313.73	− 9	+3
Juli	1	−307.28	+90.75	−107.93	+875.58	−1088.71	−333.67	+41.73	−313.41	−10	−1
	2	307.40	91.04	108.06	875.87	1088.83	333.38	41.73	313.10	− 9	−5
	3	−307.53	+91.34	−108.18	+876.17	−1088.96	−333.08	+41.74	−312.78	− 6	−7
Mittl. Ort		−320.05	+78.69	−120.65	+863.51	−1101.53	−345.68	+14.06	−307.37		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1942

Koordinaten der scheinbaren Örter für 12h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10m56		BD +89° 3 Gr. 9m06		BD +89° 37 Gr. 10m06		CPD −89° 38 Gr. 9m5		Kurzperiod. Nutationsgl.*)	
1942	x	y	x	y	x	y	x	y	in x Einh.	in y 0.″01
Juli 3	−307.″53	+ 91.″34	−108.″18	+876.″17	−1088.″96	−333.″08	+41.″74	−312.″78	−6	−7
4	307.66	91.63	108.32	876.46	1089.09	332.79	41.73	312.47	−3	−8
5	307.80	91.92	108.46	876.75	1089.23	332.50	41.72	312.15	0	−7
6	307.94	92.21	108.60	877.04	1089.37	332.21	41.70	311.84	+3	−5
7	308.09	92.51	108.75	877.34	1089.52	331.91	41.68	311.52	+4	−2
8	−308.24	+ 92.79	−108.90	+877.62	−1089.67	−331.63	+41.66	−311.21	+5	+1
9	308.40	93.08	109.06	877.91	1089.82	331.34	41.62	310.90	+4	+4
10	308.56	93.36	109.22	878.19	1089.99	331.06	41.58	310.59	+2	+6
11	308.73	93.64	109.39	878.47	1090.15	330.78	41.54	310.28	+1	+7
12	308.90	93.92	109.56	878.75	1090.32	330.50	41.49	309.97	−1	+7
13	−309.08	+ 94.20	−109.74	+879.03	−1090.50	−330.22	+41.43	−309.66	−3	+5
14	309.26	94.47	109.92	879.30	1090.68	329.95	41.37	309.36	−5	+3
15	309.45	94.74	110.11	879.57	1090.87	329.68	41.30	309.05	−5	+1
16	309.64	95.01	110.30	879.84	1091.06	329.41	41.23	308.74	−4	−2
17	309.84	95.28	110.50	880.11	1091.25	329.14	41.15	308.44	−2	−5
18	−310.04	+ 95.55	−110.70	+880.37	−1091.45	−328.88	+41.07	−308.14	+1	−7
19	310.24	95.81	110.90	880.63	1091.66	328.62	40.98	307.84	+4	−7
20	310.45	96.07	111.12	880.89	1091.87	328.36	40.88	307.54	+7	−6
21	310.67	96.33	111.33	881.15	1092.08	328.10	40.78	307.25	+9	−3
22	310.89	96.58	111.55	881.40	1092.30	327.85	40.68	306.96	+9	+1
23	−311.11	+ 96.83	−111.78	+881.66	−1092.53	−327.59	+40.56	−306.67	+8	+4
24	311.34	97.08	112.01	881.90	1092.76	327.35	40.44	306.38	+5	+7
25	311.58	97.33	112.25	882.15	1092.99	327.10	40.32	306.10	0	+8
26	311.82	97.57	112.49	882.39	1093.23	326.86	40.19	305.81	−4	+7
27	312.06	97.81	112.73	882.63	1093.47	326.61	40.06	305.53	−7	+4
28	−312.31	+ 98.05	−112.98	+882.87	−1093.71	−326.38	+39.92	−305.25	−9	+1
29	312.56	98.28	113.23	883.10	1093.96	326.14	39.78	304.97	−9	−3
30	312.81	98.51	113.48	883.33	1094.21	325.91	39.63	304.70	−7	−6
31	313.07	98.74	113.74	883.56	1094.47	325.68	39.48	304.43	−4	−8
Aug. 1	313.33	98.96	114.00	883.78	1094.74	325.46	39.32	304.17	−1	−7
2	−313.60	+ 99.18	−114.27	+884.00	−1095.00	−325.24	+39.15	−303.90	+2	−6
3	313.87	99.40	114.54	884.22	1095.27	325.02	38.98	303.65	+4	−3
4	314.15	99.61	114.82	884.43	1095.55	324.81	38.81	303.39	+5	0
5	314.43	99.82	115.10	884.64	1095.83	324.60	38.63	303.13	+4	+3
6	314.71	100.03	115.38	884.85	1096.11	324.39	38.45	302.88	+3	+5
7	−315.00	+100.24	−115.67	+885.05	−1096.40	−324.19	+38.26	−302.63	+1	+7
8	315.29	100.44	115.96	885.25	1096.69	323.99	38.07	302.39	−1	+7
9	−315.58	+100.63	−116.25	+885.45	−1096.98	−323.79	+37.87	−302.15	−3	+6
Mittl. Ort	−320.″05	+ 78.″69	−120.″65	+863.″51	−1101.″53	−345.″68	+14.″06	−307.″37		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1942

Koordinaten der scheinbaren Örter für 12h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10m56		BD +89° 3 Gr. 9m06		BD +89° 37 Gr. 10m06		CPD −89° 38 Gr. 9m5		Kurzperiod. Nutationsgl.*)	
1942	x	y	x	y	x	y	x	y	in x Einh.	in y 0.″01
Aug. 9	−315.″58	+100.″63	−116.″25	+885.″45	−1096.″98	−323.″79	+37.″87	−302.″15	−3	+6
10	315.88	100.83	116.55	885.64	1097.27	323.60	37.67	301.91	−5	+4
11	316.18	101.01	116.85	885.83	1097.57	323.41	37.46	301.68	−5	+2
12	316.48	101.20	117.15	886.01	1097.87	323.23	37.25	301.45	−5	−1
13	316.79	101.38	117.46	886.19	1098.18	323.05	37.03	301.23	−4	−4
14	−317.10	+101.55	−117.77	+886.36	−1098.49	−322.88	+36.81	−301.01	−1	−6
15	317.41	101.72	118.08	886.53	1098.80	322.71	36.59	300.79	+2	−7
16	317.72	101.89	118.40	886.70	1099.11	322.54	36.36	300.58	+5	−6
17	318.04	102.06	118.71	886.87	1099.43	322.37	36.13	300.37	+8	−4
18	318.36	102.22	119.04	887.03	1099.75	322.21	35.90	300.16	+9	−1
19	−318.68	+102.38	−119.36	+887.19	−1100.07	−322.05	+35.66	−299.96	+8	+3
20	319.01	102.53	119.69	887.34	1100.40	321.90	35.42	299.77	+6	+6
21	319.34	102.68	120.02	887.49	1100.73	321.75	35.17	299.58	+2	+8
22	319.67	102.82	120.36	887.63	1101.06	321.61	34.92	299.39	−2	+7
23	320.01	102.96	120.70	887.77	1101.40	321.47	34.66	299.21	−5	+5
24	−320.35	+103.10	−121.04	+887.91	−1101.74	−321.33	+34.40	−299.04	−8	+2
25	320.69	103.24	121.38	888.05	1102.08	321.19	34.14	298.87	−8	−2
26	321.03	103.37	121.72	888.18	1102.42	321.06	33.88	298.70	−7	−5
27	321.37	103.49	122.06	888.30	1102.76	320.94	33.61	298.53	−5	−7
28	321.72	103.61	122.41	888.42	1103.11	320.82	33.34	298.38	−2	−8
29	−322.07	+103.73	−122.76	+888.54	−1103.46	−320.70	+33.06	−298.23	+1	−7
30	322.42	103.84	123.11	888.65	1103.81	320.59	32.79	298.08	+4	−4
31	322.78	103.94	123.47	888.75	1104.16	320.49	32.50	297.94	+5	−1
Sept. 1	323.14	104.04	123.83	888.85	1104.52	320.39	32.22	297.81	+5	+2
2	323.50	104.14	124.19	888.95	1104.88	320.29	31.93	297.68	+4	+5
3	−323.86	+104.23	−124.55	+889.04	−1105.24	−320.20	+31.64	−297.56	+2	+6
4	324.22	104.32	124.91	889.13	1105.60	320.11	31.35	297.44	0	+7
5	324.58	104.40	125.27	889.21	1105.96	320.03	31.05	297.32	−2	+7
6	324.94	104.48	125.63	889.29	1106.32	319.95	30.76	297.22	−4	+5
7	325.31	104.56	126.00	889.37	1106.69	319.87	30.46	297.11	−5	+3
8	−325.68	+104.63	−126.37	+889.44	−1107.06	−319.80	+30.16	−297.02	−5	0
9	326.05	104.69	126.74	889.50	1107.43	319.74	29.86	296.93	−4	−3
10	326.42	104.75	127.11	889.56	1107.80	319.68	29.55	296.84	−2	−6
11	326.79	104.81	127.48	889.62	1108.17	319.62	29.25	296.76	+1	−7
12	327.16	104.86	127.85	889.67	1108.54	319.57	28.94	296.69	+4	−7
13	−327.54	+104.90	−128.23	+889.71	−1108.92	−319.53	+28.63	−296.62	+6	−5
14	327.91	104.94	128.60	889.75	1109.29	319.49	28.32	296.56	+8	−2
15	−328.29	+104.98	−128.98	+889.79	−1109.67	−319.45	+28.01	−296.50	+8	+2
Mittl. Ort	−320.″05	+ 78.″69	−120.″65	+863.″51	−1101.″53	−345.″68	+14.″06	−307.″37		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1942

Koordinaten der scheinbaren Örter für 12^h^ Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10ᵐ56		BD +89° 3 Gr. 9ᵐ06		BD +89° 37 Gr. 10ᵐ06		CPD −89° 38 Gr. 9ᵐ5		Kurzperiod. Nutationsgl.*)	
1942	x	y	x	y	x	y	x	y	in x Einh.	in y 0.″01
Sept. 15	−328.″29	+104.″98	−128.″98	+889.″79	−1109.″67	−319.″45	+28.″01	−296.″50	+8	+2
16	328.66	105.02	129.35	889.83	1110.04	319.41	27.70	296.45	+6	+5
17	329.04	105.05	129.73	889.86	1110.42	319.38	27.39	296.41	+3	+7
18	329.42	105.07	130.11	889.88	1110.80	319.36	27.07	296.37	−1	+8
19	329.79	105.09	130.48	889.90	1111.17	319.34	26.76	296.34	−4	+6
20	−330.17	+105.10	−130.86	+889.91	−1111.55	−319.33	+26.44	−296.31	−7	+3
21	330.56	105.11	131.25	889.92	1111.94	319.32	26.13	296.29	−8	0
22	330.94	105.11	131.63	889.92	1112.32	319.32	25.81	296.28	−7	−4
23	331.32	105.11	132.01	889.92	1112.70	319.32	25.49	296.27	−5	−6
24	331.70	105.11	132.39	889.92	1113.08	319.33	25.17	296.27	−2	−8
25	−332.08	+105.10	−132.77	+889.91	−1113.46	−319.34	+24.85	−296.27	+1	−7
26	332.46	105.08	133.15	889.89	1113.84	319.35	24.53	296.28	+3	−6
27	332.84	105.06	133.53	889.87	1114.22	319.37	24.21	296.30	+5	−3
28	333.22	105.04	133.91	889.85	1114.60	319.40	23.90	296.32	+5	0
29	333.60	105.01	134.29	889.82	1114.98	319.43	23.58	296.35	+5	+3
30	−333.98	+104.97	−134.67	+889.78	−1115.36	−319.46	+23.27	−296.38	+3	+6
Okt. 1	334.36	104.93	135.05	889.74	1115.74	319.50	22.95	296.42	+1	+7
2	334.74	104.89	135.43	889.70	1116.12	319.55	22.64	296.47	−1	+7
3	335.12	104.84	135.81	889.65	1116.50	319.60	22.33	296.52	−3	+6
4	335.50	104.79	136.19	889.60	1116.88	319.65	22.02	296.58	−5	+4
5	−335.88	+104.73	−136.57	+889.54	−1117.26	−319.71	+21.70	−296.64	−5	+1
6	336.25	104.67	136.94	889.48	1117.63	319.77	21.39	296.71	−5	−2
7	336.63	104.60	137.32	889.41	1118.01	319.84	21.08	296.78	−3	−5
8	337.00	104.52	137.69	889.33	1118.38	319.92	20.78	296.87	0	−7
9	337.38	104.45	138.07	889.26	1118.76	319.99	20.47	296.96	+3	−7
10	−337.75	+104.36	−138.44	+889.17	−1119.13	−320.08	+20.17	−297.05	+6	−6
11	338.12	104.27	138.81	889.08	1119.50	320.17	19.87	297.15	+8	−3
12	338.49	104.18	139.18	888.99	1119.87	320.26	19.57	297.26	+8	0
13	338.86	104.08	139.55	888.89	1120.24	320.36	19.27	297.38	+7	+4
14	339.23	103.98	139.92	888.79	1120.61	320.46	18.97	297.50	+4	+6
15	−339.60	+103.87	−140.29	+888.68	−1120.98	−320.57	+18.67	−297.62	0	+8
16	339.96	103.76	140.65	888.57	1121.34	320.68	18.38	297.75	−4	+7
17	340.32	103.65	141.01	888.46	1121.70	320.79	18.09	297.89	−7	+5
18	340.68	103.52	141.37	888.34	1122.06	320.92	17.81	298.03	−8	+1
19	341.04	103.40	141.73	888.21	1122.42	321.04	17.52	298.18	−8	−2
20	−341.40	+103.27	−142.09	+888.08	−1122.78	−321.17	+17.25	−298.33	−7	−6
21	341.76	103.13	142.45	887.95	1123.14	321.31	16.97	298.49	−4	−7
22	−342.11	+102.99	−142.80	+887.81	−1123.49	−321.45	+16.70	−298.66	−1	−8
Mittl. Ort	−320.″05	+ 78.″69	−120.″65	+863.″51	−1101.″53	−345.″68	+14.″06	−307.″37		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1942

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10^m56		BD +89° 3 Gr. 9^m06		BD +89° 37 Gr. 10^m06		CPD −89° 38 Gr. 9^m5		Kurzperiod. Nutationsgl.*)	
1942	x	y	x	y	x	y	x	y	in x Einh.	in y 0.″01
Okt. 22	−342.″11	+102.″99	−142.″80	+887.″81	−1123.″49	−321.″45	+16.″70	−298.″66	−1	−8
23	342.46	102.84	143.15	887.66	1123.84	321.60	16.43	298.83	+2	−6
24	342.81	102.69	143.50	887.51	1124.19	321.75	16.16	299.00	+4	−4
25	343.15	102.54	143.85	887.36	1124.54	321.90	15.90	299.18	+5	−1
26	343.50	102.38	144.19	887.20	1124.88	322.06	15.63	299.37	+5	+2
27	−343.84	+102.22	−144.53	+887.04	−1125.23	−322.22	+15.38	−299.56	+4	+5
28	344.17	102.05	144.87	886.87	1125.56	322.39	15.13	299.75	+2	+6
29	344.51	101.88	145.20	886.70	1125.90	322.56	14.88	299.95	0	+7
30	344.84	101.70	145.54	886.52	1126.23	322.74	14.63	300.16	−2	+7
31	345.17	101.52	145.87	886.34	1126.56	322.93	14.40	300.37	−4	+5
Nov. 1	−345.50	+101.33	−146.20	+886.15	−1126.88	−323.12	+14.16	−300.58	−5	+2
2	345.82	101.14	146.52	885.96	1127.20	323.31	13.93	300.80	−5	−1
3	346.14	100.95	146.85	885.77	1127.52	323.51	13.70	301.02	−4	−4
4	346.46	100.75	147.17	885.57	1127.84	323.71	13.48	301.25	−1	−6
5	346.77	100.54	147.48	885.36	1128.15	323.91	13.26	301.49	+2	−7
6	−347.08	+100.34	−147.80	+885.16	−1128.46	−324.12	+13.05	−301.72	+5	−7
7	347.39	100.12	148.11	884.94	1128.77	324.33	12.84	301.97	+8	−5
8	347.69	99.91	148.41	884.73	1129.07	324.55	12.63	302.21	+9	−1
9	347.99	99.69	148.71	884.51	1129.37	324.77	12.43	302.46	+8	+2
10	348.29	99.46	149.00	884.28	1129.67	325.00	12.24	302.72	+6	+5
11	−348.58	+ 99.23	−149.29	+884.05	−1129.96	−325.23	+12.05	−302.98	+2	+7
12	348.87	99.00	149.58	883.82	1130.25	325.46	11.87	303.24	−2	+8
13	349.16	98.77	149.87	883.59	1130.54	325.69	11.69	303.51	−6	+6
14	349.44	98.53	150.15	883.35	1130.82	325.93	11.52	303.78	−9	+3
15	349.72	98.28	150.43	883.11	1131.10	326.18	11.35	304.05	−9	−1
16	−350.00	+ 98.04	−150.70	+882.86	−1131.38	−326.42	+11.19	−304.33	−8	−4
17	350.26	97.78	150.97	882.61	1131.64	326.68	11.03	304.61	−5	−7
18	350.53	97.53	151.23	882.36	1131.91	326.93	10.88	304.89	−2	−8
19	350.79	97.27	151.49	882.10	1132.17	327.19	10.74	305.18	+1	−7
20	351.04	97.00	151.74	881.84	1132.42	327.46	10.60	305.47	+3	−5
21	−351.29	+ 96.73	−151.99	+881.57	−1132.67	−327.73	+10.47	−305.76	+5	−2
22	351.53	96.46	152.23	881.30	1132.91	328.00	10.34	306.06	+5	+1
23	351.77	96.19	152.47	881.03	1133.15	328.27	10.22	306.36	+4	+4
24	352.01	95.91	152.70	880.75	1133.39	328.55	10.10	306.65	+3	+6
25	352.24	95.64	152.93	880.48	1133.62	328.83	9.99	306.96	+1	+7
26	−352.47	+ 95.35	−153.16	+880.19	−1133.85	−329.11	+ 9.88	−307.26	−1	+7
27	352.69	95.07	153.38	879.91	1134.07	329.40	9.79	307.57	−3	+5
28	−352.90	+ 94.78	−153.59	+879.62	−1134.28	−329.69	+ 9.70	−307.88	−5	+3
Mittl. Ort	−320.″05	+ 78.″69	−120.″65	+863.″51	−1101.″53	−345.″68	+14.″06	−307.″37		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1942

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag	BD +89° 1 Gr. $10^m.56$		BD +89° 3 Gr. $9^m.06$		BD +89° 37 Gr. $10^m.06$		CPD −89° 38 Gr. $9^m.5$		Kurzperiod. Nutationsgl.*)	
1942	x	y	x	y	x	y	x	y	in x Einh.	in y 0.″01
Nov. 28	−352.″90	+94.″78	−153.″59	+879.″62	−1134.″28	−329.″69	+ 9.″70	−307.″88	−5	+3
29	353.11	94.49	153.80	879.33	1134.49	329.98	9.61	308.19	−5	+1
30	353.31	94.19	154.01	879.03	1134.69	330.28	9.53	308.50	−4	−3
Dez. 1	353.51	93.89	154.21	878.73	1134.89	330.58	9.46	308.82	−2	−5
2	353.70	93.59	154.40	878.43	1135.08	330.88	9.40	309.14	+1	−7
3	−353.89	+93.29	−154.59	+878.13	−1135.27	−331.18	+ 9.34	−309.46	+4	−7
4	354.07	92.98	154.77	877.82	1135.45	331.49	9.29	309.78	+7	−6
5	354.25	92.67	154.95	877.52	1135.63	331.80	9.24	310.10	+9	−3
6	354.42	92.36	155.12	877.21	1135.80	332.11	9.20	310.43	+9	+1
7	354.58	92.04	155.29	876.89	1135.96	332.42	9.17	310.75	+8	+4
8	−354.74	+91.73	−155.45	+876.58	−1136.12	−332.74	+ 9.14	−311.08	+4	+7
9	354.90	91.41	155.60	876.26	1136.28	333.06	9.12	311.40	0	+8
10	355.04	91.09	155.75	875.94	1136.42	333.38	9.11	311.73	−4	+7
11	355.18	90.77	155.89	875.62	1136.56	333.70	9.10	312.06	−8	+4
12	355.32	90.45	156.03	875.29	1136.70	334.03	9.10	312.39	−9	+1
13	−355.45	+90.12	−156.16	+874.97	−1136.83	−334.35	+ 9.10	−312.72	−9	−3
14	355.58	89.79	156.29	874.64	1136.96	334.68	9.12	313.05	−7	−6
15	355.70	89.46	156.41	874.32	1137.08	335.01	9.13	313.38	−4	−8
16	355.81	89.13	156.52	873.99	1137.19	335.34	9.16	313.71	−1	−7
17	355.91	88.80	156.63	873.66	1137.30	335.67	9.19	314.04	+2	−6
18	−356.01	+88.47	−156.73	+873.33	−1137.40	−336.01	+ 9.23	−314.37	+4	−3
19	356.10	88.13	156.82	872.99	1137.49	336.34	9.27	314.70	+5	0
20	356.19	87.79	156.91	872.66	1137.58	336.68	9.33	315.03	+4	+3
21	356.27	87.46	156.99	872.32	1137.66	337.02	9.38	315.36	+3	+5
22	356.34	87.12	157.06	871.98	1137.73	337.36	9.45	315.69	+1	+6
23	−356.41	+86.78	−157.13	+871.64	−1137.80	−337.70	+ 9.52	−316.02	−1	+7
24	356.47	86.44	157.19	871.31	1137.86	338.04	9.59	316.34	−3	+6
25	356.52	86.10	157.24	870.97	1137.91	338.38	9.68	316.67	−4	+4
26	356.57	85.76	157.29	870.63	1137.96	338.72	9.77	317.00	−5	+2
27	356.61	85.42	157.33	870.29	1138.00	339.06	9.86	317.32	−5	−1
28	−356.65	+85.08	−157.37	+869.95	−1138.04	−339.40	+ 9.96	−317.64	−3	−4
29	356.68	84.74	157.40	869.61	1138.07	339.74	10.07	317.96	0	−6
30	356.70	84.40	157.42	869.27	1138.09	340.09	10.19	318.28	+3	−7
31	356.71	84.06	157.43	868.92	1138.10	340.43	10.31	318.60	+6	−7
32	−356.72	+83.72	−157.44	+868.58	−1138.11	−340.77	+10.44	−318.92	+9	−5
Mittl. Ort	−320.″05	+78.″69	−120.″65	+863.″51	−1101.″53	−345.″68	+14.″06	−307.″37		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Formeln

zur Reduktion auf den scheinbaren Ort

$$A = t - (0.34213 + 0.00034\,T)\sin\Omega + 0.00415\sin 2\Omega - 0.02525\sin 2L_\odot$$
$$+ 0.00250\sin M_\odot - 0.00099\sin(2L_\odot + M_\odot) + 0.00042\sin(2L_\odot - M_\odot)$$
$$+ 0.00024\sin(2L_\odot - \Omega) + 0.00010\sin(2L_☾ - 2M_☾ - \Omega)$$
$$+ 0.00008\sin(2L_\odot - 2L_☾ + 2M_☾)$$

$$A' = - 0.00405\sin 2L_☾ + 0.00135\sin M_☾ - 0.00067\sin(2L_☾ - \Omega)$$
$$- 0.00052\sin(2L_☾ + M_☾) + 0.00030\sin(2L_☾ - 2L_\odot - M_☾)$$
$$+ 0.00022\sin(2L_☾ - M_☾) + 0.00012\sin(2L_☾ - 2L_\odot)$$
$$+ 0.00012\sin(M_☾ + \Omega) + 0.00012\sin(M_☾ - \Omega)$$
$$- 0.00010\sin(4L_☾ - 2L_\odot - M_☾) - 0.00008\sin(2L_☾ + M_☾ - \Omega)$$

$$B = -(9''210 + 0''001\,T)\cos\Omega + 0''090\cos 2\Omega - 0''551\cos 2L_\odot$$
$$- 0''022\cos(2L_\odot + M_\odot) + 0''009\cos(2L_\odot - M_\odot)$$
$$+ 0''007\cos(2L_\odot - \Omega) + 0''003\cos(2L_☾ - 2M_☾ - \Omega)$$

$$B' = - 0''089\cos 2L_☾ - 0''018\cos(2L_☾ - \Omega) - 0''011\cos(2L_☾ + M_☾)$$
$$+ 0''005\cos(2L_☾ - M_☾) + 0''003\cos(M_☾ + \Omega) - 0''003\cos(M_☾ - \Omega)$$
$$- 0''002\cos(4L_☾ - 2L_\odot - M_☾) - 0''002\cos(2L_☾ + M_☾ - \Omega)$$

$$C = - 20''47\cos\odot\cos\varepsilon$$
$$D = - 20''47\sin\odot$$
$$E = -(0^s0029 - 0^s0004\,T)\sin\Omega$$

T Zeit seit 1900.0 in Einheiten von 100 tropischen Jahren,

t Zeit seit Beginn des annus fictus in Bruchteilen des tropischen Jahres;

$t = 0$ für 1942 Januar 0^d9858 Welt-Zeit.

$a = m + {}^1/_{15}\,n\sin\alpha\,\mathrm{tg}\,\delta$	$a' = n\cos\alpha$
$b = {}^1/_{15}\cos\alpha\,\mathrm{tg}\,\delta$	$b' = -\sin\alpha$
$c = {}^1/_{15}\cos\alpha\sec\delta$	$c' = \mathrm{tg}\,\varepsilon\cos\delta - \sin\alpha\sin\delta$
$d = {}^1/_{15}\sin\alpha\sec\delta$	$d' = \cos\alpha\sin\delta$

Für 1942.0 gilt: $m = +3^s0731$, $n = +20''043$, $\varepsilon = 23°\ 26'\ 48''58$

$$\alpha_{app.} = \alpha_{1942.0} + t\mu_\alpha + Aa + Bb + Cc + Dd + E + [A'a + B'b]$$
$$\delta_{app.} = \delta_{1942.0} + t\mu_\delta + Aa' + Bb' + Cc' + Dd' + [A'a' + B'b']$$

μ_α, μ_δ jährliche Eigenbewegung in Rektaszension, bez. Deklination.

Setzt man

$f = mA + E$	$f' = mA'$	$i = C\,\mathrm{tg}\,\varepsilon$
$g\sin G = B$	$g'\sin G' = B'$	$h\sin H = C$
$g\cos G = nA$	$g'\cos G' = nA'$	$h\cos H = D,$

so wird:

$$\alpha_{app.} = \alpha_{1942.0} + t\mu_\alpha + f + {}^1/_{15}\,g\sin(G + \alpha)\,\mathrm{tg}\,\delta + {}^1/_{15}\,h\sin(H + \alpha)\sec\delta$$
$$+ [f' + {}^1/_{15}\,g'\sin(G' + \alpha)\,\mathrm{tg}\,\delta]$$

$$\delta_{app.} = \delta_{1942.0} + t\mu_\delta + g\cos(G + \alpha) + h\cos(H + \alpha)\sin\delta + i\cos\delta$$
$$+ [g'\cos(G' + \alpha)]$$

Reduktionsgrößen 1942

für 12ʰ Sternzeit Greenwich

Welt-Zeit	t	log A	log B	log C	log D	E
1942	a					s
Jan. 0.2	−0.0021	8.86587n	0.98200	0.47582n	1.30554	−0.0006
10.2	+0.0252	8.61077n	0.97667	0.79351n	1.28592	6
20.2	0.0525	8.00903n	0.96872	0.96581n	1.25088	7
30.1	0.0798	8.24576	0.95895	1.07835n	1.19775	7
Febr. 9.1	0.1071	8.62583	0.94827	1.15628n	1.12156	7
19.1	0.1344	8.80428	0.93782	1.21037n	1.01254	−0.0007
März 1.1	0.1617	8.91619	0.92896	1.24623n	0.84831	7
11.0	0.1890	8.99629	0.92257	1.26680n	0.55787	8
21.0	0.2163	9.05990	0.91944	1.27370n	8.93450	8
31.0	0.2437	9.11528	0.91976	1.26752n	0.53479n	8
April 10.0	0.2710	9.16738	0.92314	1.24817n	0.83366n	−0.0008
19.9	0.2983	9.21882	0.92911	1.21458n	0.99970n	9
29.9	0.3256	9.27063	0.93636	1.16465n	1.10927n	9
Mai 9.9	0.3529	9.32267	0.94419	1.09423n	1.18616n	9
19.8	0.3802	9.37429	0.95134	0.99542n	1.24050n	9
29.8	0.4075	9.42439	0.95698	0.85126n	1.27763n	−0.0010
Juni 8.8	0.4348	9.47205	0.96038	0.61458n	1.30042n	10
18.8	0.4621	9.51648	0.96109	0.01199n	1.31046n	10
28.7	0.4894	9.55712	0.95899	0.31911	1.30841n	10
Juli 8.7	0.5167	9.59356	0.95400	0.71105	1.29420n	10
18.7	0.5440	9.62572	0.94645	0.90601	1.26701n	−0.0011
28.7	0.5713	9.65365	0.93687	1.03141	1.22490n	11
Aug. 7.6	0.5986	9.67760	0.92593	1.11906	1.16465n	11
17.6	0.6259	9.69792	0.91450	1.18187	1.07994n	11
27.6	0.6532	9.71515	0.90380	1.22606	0.95837n	12
Sept. 6.5	0.6805	9.72993	0.89481	1.25498	0.76960n	−0.0012
16.5	0.7078	9.74301	0.88846	1.27045	0.39690n	12
26.5	0.7351	9.75520	0.88547	1.27319	9.99344	12
Okt. 6.5	0.7624	9.76727	0.88604	1.26316	0.64865	12
16.4	0.7897	9.77997	0.88986	1.23952	0.89265	13
26.4	0.8170	9.79385	0.89636	1.20044	1.03957	−0.0013
Nov. 5.4	0.8443	9.80922	0.90434	1.14251	1.13938	13
15.4	0.8717	9.82611	0.91249	1.05956	1.20973	13
25.3	0.8990	9.84433	0.91955	0.93927	1.25871	14
Dez. 5.3	0.9263	9.86341	0.92443	0.75120	1.29057	14
15.3	0.9536	9.88275	0.92634	0.38003	1.30754	−0.0014
25.2	0.9809	9.90175	0.92469	9.96520n	1.31059	14
35.2	1.0082	9.91979	0.91929	0.62521n	1.29988	−0.0014

Tag	0h Welt-Zeit								
	Stern-zeit Greenw.	*t*	*f*	log *g*	*G*	log *h*	*H*	log *i*	*i*
1942	h	s	s		h m		h m		″
Jan. 0	6.6	−0.0027	−0.229	0.9872	6 35.2	1.3103	23 27.2	0.1017n	−1.264
1	6.7	0.0000	0.218	0.9864	6 33.7	1.3101	23 23.4	0.1483n	1.407
2	6.7	+0.0028	0.208	0.9856	6 32.2	1.3099	23 19.7	0.1903n	1.550
3	6.8	0.0055	0.198	0.9847	6 30.6	1.3096	23 15.9	0.2284n	1.692
4	6.9	0.0083	0.188	0.9838	6 29.1	1.3094	23 12.1	0.2632n	1.833
5	6.9	0.0110	0.178	0.9830	6 27.6	1.3091	23 8.4	0.2953n	1.974
6	7.0	0.0137	−0.168	0.9821	6 26.1	1.3088	23 4.6	0.3251n	−2.114
7	7.1	0.0165	0.158	0.9812	6 24.5	1.3085	23 0.8	0.3530n	2.254
8	7.1	0.0192	0.148	0.9803	6 23.0	1.3081	22 57.0	0.3788n	2.392
9	7.2	0.0219	0.138	0.9794	6 21.5	1.3078	22 53.2	0.4033n	2.531
10	7.3	0.0247	0.128	0.9785	6 20.0	1.3074	22 49.4	0.4262n	2.668
11	7.3	0.0274	0.118	0.9776	6 18.6	1.3070	22 45.6	0.4479n	2.805
12	7.4	0.0302	−0.109	0.9766	6 17.1	1.3066	22 41.8	0.4683n	−2.940
13	7.5	0.0329	0.099	0.9756	6 15.6	1.3062	22 38.0	0.4878n	3.075
14	7.5	0.0356	0.090	0.9747	6 14.1	1.3057	22 34.1	0.5064n	3.209
15	7.6	0.0384	0.080	0.9738	6 12.6	1.3053	22 30.3	0.5239n	3.341
16	7.7	0.0411	0.071	0.9729	6 11.1	1.3048	22 26.5	0.5407n	3.473
17	7.7	0.0438	0.061	0.9720	6 9.6	1.3043	22 22.6	0.5567n	3.603
18	7.8	0.0466	−0.052	0.9710	6 8.2	1.3038	22 18.8	0.5719n	−3.732
19	7.9	0.0493	0.043	0.9701	6 6.7	1.3033	22 14.9	0.5866n	3.860
20	7.9	0.0521	0.034	0.9691	6 5.3	1.3027	22 11.0	0.6006n	3.987
21	8.0	0.0548	0.025	0.9681	6 3.8	1.3022	22 7.1	0.6141n	4.112
22	8.0	0.0575	0.016	0.9671	6 2.4	1.3016	22 3.2	0.6271n	4.237
23	8.1	0.0603	−0.007	0.9661	6 1.0	1.3010	21 59.3	0.6395n	4.360
24	8.2	0.0630	+0.002	0.9652	5 59.6	1.3005	21 55.4	0.6515n	−4.482
25	8.2	0.0657	0.010	0.9642	5 58.2	1.2998	21 51.5	0.6629n	4.601
26	8.3	0.0685	0.019	0.9633	5 56.8	1.2993	21 47.5	0.6739n	4.720
27	8.4	0.0712	0.027	0.9623	5 55.4	1.2987	21 43.6	0.6846n	4.837
28	8.4	0.0740	0.036	0.9613	5 54.0	1.2980	21 39.6	0.6949n	4.953
29	8.5	0.0767	0.044	0.9604	5 52.6	1.2974	21 35.7	0.7047n	5.066
30	8.6	0.0794	+0.052	0.9595	5 51.3	1.2968	21 31.7	0.7142n	−5.178
31	8.6	0.0822	0.060	0.9585	5 50.0	1.2961	21 27.7	0.7234n	5.289
Febr. 1	8.7	0.0849	0.068	0.9576	5 48.7	1.2955	21 23.7	0.7322n	5.397
2	8.8	0.0877	0.076	0.9566	5 47.3	1.2948	21 19.7	0.7407n	5.504
3	8.8	0.0904	0.084	0.9557	5 46.0	1.2942	21 15.7	0.7489n	5.609
4	8.9	0.0931	0.092	0.9548	5 44.7	1.2935	21 11.7	0.7569n	5.713
5	9.0	0.0959	+0.099	0.9539	5 43.4	1.2928	21 7.6	0.7645n	−5.815
6	9.0	0.0986	0.107	0.9530	5 42.1	1.2922	21 3.6	0.7720n	5.915
7	9.1	0.1013	0.114	0.9521	5 40.8	1.2915	20 59.5	0.7791n	6.013
8	9.2	0.1041	0.121	0.9512	5 39.5	1.2908	20 55.4	0.7860n	6.109
9	9.2	0.1068	0.128	0.9504	5 38.3	1.2902	20 51.3	0.7927n	6.204
10	9.3	0.1096	+0.135	0.9495	5 37.1	1.2895	20 47.2	0.7991n	−6.296

Tag	0ʰ Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1942.0	$\Delta\psi$	$\Delta\psi'$	Mittlere Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1942	in 0.001 s	in 0.01"	h	"	"	in 0.01"	23° 26' "	"	in 0.01"	in 0.001	
Jan. 0	− 6	+6	8.7	−0.14	−3.60	−10	48.58	−9.60	−5	42	89
1	− 4	7	7.4	0.00	3.57	− 6	48.58	9.59	−6	42	89
2	− 1	7	6.2	+0.14	3.54	− 1	48.58	9.58	−7	42	89
3	+ 3	6	4.9	0.28	3.51	+ 5	48.58	9.57	−6	42	89
4	+ 6	6	3.4	0.41	3.48	+ 9	48.57	9.56	−5	42	89
5	+ 7	5	1.4	0.55	3.46	+12	48.57	9.55	−2	42	89
6	+ 7	+5	22.7	+0.69	−3.43	+12	48.57	−9.53	+2	42	89
7	+ 5	5	20.4	0.83	3.40	+ 8	48.57	9.52	+4	42	89
8	+ 1	6	18.4	0.97	3.38	+ 1	48.57	9.51	+6	42	89
9	− 4	8	16.7	1.10	3.36	− 7	48.57	9.50	+7	42	89
10	− 9	9	15.2	1.24	3.33	−15	48.57	9.48	+6	42	89
11	−12	9	13.7	1.38	3.31	−20	48.57	9.47	+4	41	88
12	−13	+9	12.1	+1.52	−3.29	−22	48.56	−9.45	0	41	88
13	−12	8	10.4	1.65	3.27	−19	48.56	9.43	−3	41	88
14	− 7	8	8.4	1.79	3.25	−11	48.56	9.42	−6	41	88
15	− 1	8	6.3	1.93	3.23	− 2	48.56	9.40	−8	41	88
16	+ 5	8	4.2	2.07	3.22	+ 9	48.56	9.38	−7	41	88
17	+11	8	2.3	2.20	3.20	+17	48.56	9.37	−5	41	88
18	+13	+9	0.6	+2.34	−3.19	+22	48.56	−9.35	−1	41	88
19	+14	9	23.0	2.48	3.18	+23	48.56	9.33	+2	41	88
20	+11	9	21.6	2.62	3.16	+19	48.55	9.31	+5	41	88
21	+ 7	8	20.3	2.75	3.15	+12	48.55	9.29	+7	41	88
22	+ 2	8	18.8	2.89	3.15	+ 4	48.55	9.27	+8	40	87
23	− 2	6	17.0	3.03	3.14	− 4	48.55	9.25	+6	40	87
24	− 6	+6	15.1	+3.17	−3.13	−10	48.55	−9.23	+4	40	87
25	− 8	5	12.9	3.30	3.13	−13	48.55	9.21	+1	40	87
26	− 8	6	10.7	3.44	3.13	−14	48.55	9.19	−2	40	87
27	− 7	6	9.1	3.58	3.13	−12	48.55	9.17	−4	40	87
28	− 5	7	7.7	3.72	3.13	− 7	48.54	9.15	−6	40	87
29	− 1	7	6.4	3.86	3.13	− 2	48.54	9.12	−7	40	87
30	+ 2	+7	5.1	+3.99	−3.14	+ 4	48.54	−9.10	−7	40	86
31	+ 5	6	3.6	4.13	3.14	+ 9	48.54	9.08	−5	40	86
Febr. 1	+ 7	5	1.8	4.27	3.15	+12	48.54	9.06	−2	40	86
2	+ 8	5	23.5	4.41	3.16	+13	48.54	9.04	+1	40	86
3	+ 6	5	21.4	4.54	3.17	+10	48.54	9.01	+3	39	86
4	+ 3	6	19.2	4.68	3.18	+ 5	48.54	8.99	+6	39	86
5	− 2	+7	17.4	+4.82	−3.19	− 3	48.53	−8.97	+7	39	86
6	− 7	8	15.8	4.96	3.21	−11	48.53	8.95	+7	39	86
7	−10	8	14.3	5.09	3.23	−17	48.53	8.93	+5	39	85
8	−12	8	12.7	5.23	3.25	−20	48.53	8.90	+1	39	85
9	−12	8	11.0	5.37	3.27	−19	48.53	8.88	−2	39	85
10	− 8	+8	9.1	+5.51	−3.29	−14	48.53	−8.86	−5	39	85

Reduktionsgrößen 1942

Tag	0h Welt-Zeit								
	Stern-zeit Greenw.	*t*	*f*	log *g*	*G*	log *h*	*H*	log *i*	*i*
1942	h	s	s		h m		h m		"
Febr. 10	9.3	0.1096	+0.135	0.9495	5 37.1	1.2895	20 47.2	0.7991*n*	−6.296
11	9.4	0.1123	0.142	0.9487	5 35.9	1.2889	20 43.1	0.8052*n*	6.386
12	9.4	0.1150	0.149	0.9478	5 34.7	1.2882	20 39.0	0.8112*n*	6.475
13	9.5	0.1178	0.156	0.9470	5 33.5	1.2876	20 34.9	0.8170*n*	6.561
14	9.6	0.1205	0.163	0.9462	5 32.3	1.2869	20 30.7	0.8225*n*	6.645
15	9.6	0.1232	0.169	0.9455	5 31.1	1.2863	20 26.6	0.8278*n*	6.727
16	9.7	0.1260	+0.176	0.9447	5 29.9	1.2857	20 22.4	0.8330*n*	−6.807
17	9.8	0.1287	0.182	0.9440	5 28.8	1.2850	20 18.3	0.8378*n*	6.884
18	9.8	0.1315	0.188	0.9433	5 27.7	1.2844	20 14.1	0.8426*n*	6.960
19	9.9	0.1342	0.195	0.9426	5 26.6	1.2838	20 9.9	0.8471*n*	7.033
20	10.0	0.1369	0.201	0.9419	5 25.5	1.2832	20 5.7	0.8516*n*	7.105
21	10.0	0.1397	0.207	0.9413	5 24.4	1.2827	20 1.5	0.8558*n*	7.174
22	10.1	0.1424	+0.213	0.9407	5 23.3	1.2821	19 57.3	0.8597*n*	−7.240
23	10.2	0.1451	0.219	0.9401	5 22.2	1.2815	19 53.0	0.8636*n*	7.305
24	10.2	0.1479	0.225	0.9395	5 21.1	1.2810	19 48.8	0.8673*n*	7.367
25	10.3	0.1506	0.230	0.9390	5 20.1	1.2805	19 44.5	0.8708*n*	7.427
26	10.3	0.1534	0.236	0.9385	5 19.0	1.2800	19 40.3	0.8742*n*	7.485
27	10.4	0.1561	0.241	0.9380	5 18.0	1.2795	19 36.0	0.8774*n*	7.540
28	10.5	0.1588	+0.247	0.9375	5 17.0	1.2790	19 31.8	0.8804*n*	−7.593
März 1	10.5	0.1616	0.252	0.9371	5 16.0	1.2785	19 27.5	0.8833*n*	7.643
2	10.6	0.1643	0.258	0.9367	5 15.0	1.2781	19 23.2	0.8860*n*	7.691
3	10.7	0.1671	0.263	0.9363	5 14.0	1.2776	19 18.9	0.8886*n*	7.737
4	10.7	0.1698	0.268	0.9360	5 13.0	1.2772	19 14.6	0.8910*n*	7.780
5	10.8	0.1725	0.274	0.9357	5 12.1	1.2768	19 10.3	0.8933*n*	7.821
6	10.9	0.1753	+0.279	0.9354	5 11.1	1.2765	19 6.0	0.8954*n*	−7.860
7	10.9	0.1780	0.284	0.9351	5 10.2	1.2761	19 1.7	0.8974*n*	7.895
8	11.0	0.1807	0.289	0.9349	5 9.3	1.2758	18 57.4	0.8992*n*	7.929
9	11.1	0.1835	0.294	0.9348	5 8.4	1.2755	18 53.1	0.9009*n*	7.960
10	11.1	0.1862	0.299	0.9346	5 7.5	1.2752	18 48.7	0.9025*n*	7.989
11	11.2	0.1890	0.304	0.9345	5 6.6	1.2750	18 44.4	0.9039*n*	8.015
12	11.3	0.1917	+0.309	0.9344	5 5.7	1.2747	18 40.1	0.9052*n*	−8.039
13	11.3	0.1944	0.314	0.9344	5 4.8	1.2745	18 35.8	0.9064*n*	8.061
14	11.4	0.1972	0.319	0.9344	5 3.9	1.2743	18 31.4	0.9074*n*	8.080
15	11.5	0.1999	0.323	0.9344	5 3.1	1.2742	18 27.1	0.9083*n*	8.097
16	11.5	0.2026	0.328	0.9345	5 2.2	1.2740	18 22.7	0.9091*n*	8.111
17	11.6	0.2054	0.333	0.9346	5 1.4	1.2739	18 18.4	0.9097*n*	8.123
18	11.7	0.2081	+0.338	0.9348	5 0.6	1.2738	18 14.1	0.9102*n*	−8.132
19	11.7	0.2109	0.343	0.9350	4 59.8	1.2738	18 9.7	0.9106*n*	8.139
20	11.8	0.2136	0.347	0.9352	4 58.9	1.2737	18 5.4	0.9107*n*	8.142
21	11.9	0.2163	0.352	0.9355	4 58.1	1.2737	18 1.1	0.9108*n*	8.144
22	11.9	0.2191	0.357	0.9358	4 57.3	1.2737	17 56.7	0.9108*n*	8.144
23	12.0	0.2218	+0.362	0.9361	4 56.5	1.2737	17 52.4	0.9107*n*	−8.141

Tag	0ʰ Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1942.0	$\Delta\psi$	$\Delta\psi'$	Mittlere Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1942	in 0.ˢ001	in 0.″01	ʰ	″	″	in 0.″01	23° 26′	″	in 0.″01	in 0.001	
Febr. 10	− 8	+8	9.1	+ 5.51	−3.29	−14	48.53	−8.86	−5	39	85
11	− 3	7	7.0	5.64	3.31	− 5	48.53	8.84	−7	39	85
12	+ 3	7	5.0	5.78	3.34	+ 5	48.52	8.81	−7	39	85
13	+ 8	8	3.1	5.92	3.36	+14	48.52	8.79	−6	39	85
14	+12	8	1.2	6.06	3.39	+20	48.52	8.77	−3	39	85
15	+13	9	23.5	6.19	3.42	+21	48.52	8.75	+1	38	84
16	+12	+9	22.0	+ 6.33	−3.46	+19	48.52	−8.73	+4	38	84
17	+ 8	8	20.6	6.47	3.49	+13	48.52	8.71	+7	38	84
18	+ 3	8	19.1	6.61	3.52	+ 6	48.52	8.69	+8	38	84
19	− 1	7	17.5	6.75	3.56	− 2	48.52	8.67	+7	38	84
20	− 5	6	15.7	6.88	3.60	− 9	48.51	8.65	+5	38	84
21	− 8	6	13.5	7.02	3.64	−13	48.51	8.63	+2	38	84
22	− 9	+6	11.5	+ 7.16	−3.68	−14	48.51	−8.61	−1	38	84
23	− 8	6	9.7	7.30	3.72	−13	48.51	8.59	−4	38	84
24	− 6	7	8.2	7.43	3.76	−10	48.51	8.58	−6	38	83
25	− 3	7	7.0	7.57	3.80	− 5	48.51	8.56	−7	38	83
26	+ 1	7	5.7	7.71	3.85	+ 1	48.51	8.54	−7	38	83
27	+ 4	6	4.2	7.85	3.90	+ 7	48.51	8.52	−6	38	83
28	+ 7	+6	2.4	+ 7.98	−3.94	+11	48.50	−8.51	−3	38	83
März 1	+ 8	5	0.3	8.12	3.99	+13	48.50	8.49	0	38	83
2	+ 7	5	22.0	8.26	4.04	+12	48.50	8.48	+3	38	83
3	+ 4	6	19.9	8.40	4.09	+ 7	48.50	8.46	+5	38	83
4	0	7	18.1	8.53	4.14	0	48.50	8.45	+7	38	83
5	− 5	8	16.5	8.67	4.20	− 8	48.50	8.44	+7	38	83
6	− 9	+8	14.9	+ 8.81	−4.25	−14	48.50	−8.42	+5	38	82
7	−11	8	13.3	8.95	4.30	−18	48.50	8.41	+3	38	82
8	−11	7	11.4	9.09	4.36	−18	48.49	8.40	−1	38	82
9	− 9	7	9.5	9.22	4.41	−14	48.49	8.39	−4	38	82
10	− 4	7	7.3	9.36	4.47	− 6	48.49	8.38	−7	38	82
11	+ 2	7	5.4	9.50	4.53	+ 3	48.49	8.37	−7	38	82
12	+ 7	+8	3.6	+ 9.64	−4.58	+12	48.49	−8.36	−6	38	82
13	+11	8	1.8	9.77	4.64	+18	48.49	8.35	−4	38	82
14	+13	8	0.0	9.91	4.70	+21	48.49	8.34	0	38	82
15	+12	8	22.5	10.05	4.76	+20	48.49	8.34	+3	38	82
16	+ 9	8	21.0	10.19	4.82	+15	48.48	8.33	+6	38	82
17	+ 5	8	19.5	10.32	4.88	+ 8	48.48	8.32	+7	38	82
18	0	+7	17.9	+10.46	−4.94	0	48.48	−8.32	+7	38	82
19	− 4	6	16.2	10.60	5.00	− 7	48.48	8.31	+6	38	82
20	− 7	6	14.4	10.74	5.06	−12	48.48	8.31	+3	38	82
21	− 9	6	12.3	10.87	5.12	−15	48.48	8.31	0	38	82
22	− 9	6	10.3	11.01	5.18	−15	48.48	8.30	−3	38	82
23	− 7	+7	8.8	+11.15	−5.24	−12	48.47	−8.30	−5	38	82

Reduktionsgrößen 1942

Tag	0h Welt-Zeit								
	Stern-zeit Greenw.	t	f	log g	G	log h	H	log i	i
1942	h	a	s		h m		h m		"
März 23	12.0	0.2218	+0.362	0.9361	4 56.5	1.2737	17 52.4	0.9107n	−8.141
24	12.1	0.2245	0.366	0.9365	4 55.7	1.2738	17 48.1	0.9104n	8.136
25	12.1	0.2273	0.371	0.9369	4 54.9	1.2739	17 43.8	0.9100n	8.128
26	12.2	0.2300	0.376	0.9373	4 54.1	1.2740	17 39.5	0.9094n	8.117
27	12.3	0.2328	0.381	0.9378	4 53.3	1.2741	17 35.2	0.9088n	8.105
28	12.3	0.2355	0.385	0.9384	4 52.5	1.2743	17 30.8	0.9079n	8.090
29	12.4	0.2382	+0.390	0.9390	4 51.7	1.2744	17 26.5	0.9070n	−8.072
30	12.4	0.2410	0.395	0.9396	4 50.9	1.2746	17 22.3	0.9059n	8.052
31	12.5	0.2437	0.400	0.9402	4 50.1	1.2748	17 18.0	0.9047n	8.030
April 1	12.6	0.2465	0.405	0.9409	4 49.3	1.2751	17 13.7	0.9034n	8.005
2	12.6	0.2492	0.410	0.9416	4 48.6	1.2753	17 9.4	0.9019n	7.978
3	12.7	0.2519	0.415	0.9423	4 47.9	1.2756	17 5.2	0.9003n	7.948
4	12.8	0.2547	+0.420	0.9431	4 47.1	1.2759	17 0.9	0.8986n	−7.917
5	12.8	0.2574	0.425	0.9439	4 46.3	1.2763	16 56.7	0.8966n	7.881
6	12.9	0.2601	0.430	0.9448	4 45.5	1.2766	16 52.4	0.8946n	7.845
7	13.0	0.2629	0.435	0.9457	4 44.8	1.2770	16 48.2	0.8924n	7.806
8	13.0	0.2656	0.441	0.9466	4 44.0	1.2774	16 44.0	0.8901n	7.765
9	13.1	0.2684	0.446	0.9476	4 43.2	1.2778	16 39.8	0.8878n	7.723
10	13.2	0.2711	+0.451	0.9486	4 42.4	1.2782	16 35.6	0.8852n	−7.677
11	13.2	0.2738	0.457	0.9496	4 41.7	1.2786	16 31.4	0.8825n	7.629
12	13.3	0.2766	0.462	0.9506	4 40.9	1.2791	16 27.2	0.8796n	7.579
13	13.4	0.2793	0.468	0.9517	4 40.1	1.2796	16 23.0	0.8766n	7.527
14	13.4	0.2820	0.473	0.9528	4 39.3	1.2801	16 18.9	0.8735n	7.473
15	13.5	0.2848	0.479	0.9539	4 38.6	1.2806	16 14.7	0.8702n	7.417
16	13.6	0.2875	+0.485	0.9551	4 37.8	1.2811	16 10.6	0.8668n	−7.358
17	13.6	0.2903	0.490	0.9563	4 37.0	1.2816	16 6.5	0.8632n	7.298
18	13.7	0.2930	0.496	0.9575	4 36.2	1.2821	16 2.4	0.8594n	7.235
19	13.8	0.2957	0.502	0.9587	4 35.4	1.2827	15 58.3	0.8555n	7.170
20	13.8	0.2985	0.508	0.9600	4 34.6	1.2833	15 54.2	0.8514n	7.103
21	13.9	0.3012	0.514	0.9613	4 33.8	1.2838	15 50.1	0.8472n	7.034
22	14.0	0.3039	+0.521	0.9626	4 33.0	1.2844	15 46.1	0.8428n	−6.963
23	14.0	0.3067	0.527	0.9639	4 32.2	1.2850	15 42.0	0.8382n	6.890
24	14.1	0.3094	0.533	0.9653	4 31.4	1.2856	15 38.0	0.8335n	6.815
25	14.2	0.3122	0.540	0.9667	4 30.6	1.2862	15 34.0	0.8286n	6.739
26	14.2	0.3149	0.546	0.9681	4 29.7	1.2868	15 30.0	0.8235n	6.660
27	14.3	0.3176	0.553	0.9695	4 28.9	1.2874	15 26.0	0.8182n	6.580
28	14.4	0.3204	+0.559	0.9709	4 28.0	1.2881	15 22.1	0.8127n	−6.497
29	14.4	0.3231	0.566	0.9723	4 27.2	1.2887	15 18.1	0.8071n	6.413
30	14.5	0.3259	0.573	0.9738	4 26.3	1.2893	15 14.2	0.8012n	6.327
Mai 1	14.6	0.3286	0.580	0.9753	4 25.5	1.2900	15 10.2	0.7952n	6.240
2	14.6	0.3313	0.587	0.9768	4 24.6	1.2906	15 6.3	0.7889n	6.150
3	14.7	0.3341	+0.594	0.9783	4 23.8	1.2912	15 2.4	0.7824n	−6.059

Tag	f'	g'	G'	Allgemeine Präzession seit 1942.0	$\Delta\psi$	$\Delta\psi'$	Mittlere Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
	0h Welt-Zeit										
1942	in 0.001 s	in 0.01″				in 0.01″	23° 26′		in 0.01″	in 0.001	
März 23	− 7	+7	8.8h	+11.15″	−5.24″	−12	48.47″	−8.30″	−5	38	82
24	− 4	7	7.5	11.29	5.30	− 7	48.47	8.30	−7	38	82
25	− 1	7	6.3	11.42	5.36	− 1	48.47	8.30	−7	38	82
26	+ 3	7	5.0	11.56	5.42	+ 5	48.47	8.30	−6	38	82
27	+ 6	6	3.4	11.70	5.47	+ 9	48.47	8.30	−5	38	82
28	+ 7	5	1.2	11.84	5.53	+12	48.47	8.30	−2	38	82
29	+ 7	+5	22.7	+11.98	−5.59	+12	48.47	−8.31	+2	38	82
30	+ 5	6	20.3	12.11	5.65	+ 8	48.47	8.31	+5	38	82
31	+ 1	7	18.5	12.25	5.71	+ 2	48.46	8.31	+7	38	82
April 1	− 4	8	16.8	12.39	5.76	− 6	48.46	8.32	+7	38	82
2	− 8	8	15.4	12.53	5.82	−13	48.46	8.32	+6	38	82
3	−11	8	13.9	12.66	5.88	−17	48.46	8.33	+4	38	82
4	−11	+7	12.1	+12.80	−5.93	−19	48.46	−8.33	0	38	82
5	− 9	7	9.9	12.94	5.99	−15	48.46	8.34	−4	38	82
6	− 5	7	7.8	13.08	6.04	− 8	48.46	8.35	−6	38	83
7	+ 1	8	5.7	13.21	6.09	+ 1	48.46	8.35	−8	39	83
8	+ 7	8	3.8	13.35	6.14	+11	48.45	8.36	−7	39	83
9	+11	9	2.2	13.49	6.20	+18	48.45	8.37	−5	39	83
10	+13	+9	0.6	+13.63	−6.25	+22	48.45	−8.38	−1	39	83
11	+13	9	22.9	13.76	6.29	+21	48.45	8.39	+2	39	83
12	+11	9	21.5	13.90	6.34	+17	48.45	8.40	+5	39	83
13	+ 6	8	20.0	14.04	6.39	+10	48.45	8.41	+7	39	83
14	+ 1	7	18.5	14.18	6.44	+ 2	48.45	8.42	+7	39	83
15	− 3	6	16.8	14.31	6.48	− 5	48.45	8.43	+6	39	83
16	− 7	+6	15.0	+14.45	−6.53	−11	48.44	−8.44	+4	39	83
17	− 9	6	12.9	14.59	6.57	−14	48.44	8.46	+1	40	84
18	− 9	6	11.0	14.73	6.61	−14	48.44	8.47	−2	40	84
19	− 8	6	9.4	14.87	6.65	−13	48.44	8.48	−4	40	84
20	− 5	7	8.0	15.00	6.69	− 9	48.44	8.49	−6	40	84
21	− 2	7	6.7	15.14	6.73	− 4	48.44	8.51	−7	40	84
22	+ 1	+7	5.5	+15.28	−6.77	+ 2	48.44	−8.52	−7	40	84
23	+ 4	6	4.2	15.42	6.80	+ 7	48.44	8.54	−5	40	84
24	+ 7	5	2.1	15.55	6.83	+11	48.43	8.55	−3	40	84
25	+ 7	5	23.7	15.69	6.87	+12	48.43	8.56	0	40	84
26	+ 5	5	20.9	15.83	6.90	+ 9	48.43	8.58	+4	41	84
27	+ 2	6	18.7	15.97	6.93	+ 3	48.43	8.59	+6	41	85
28	− 3	+8	17.1	+16.10	−6.96	− 4	48.43	−8.61	+8	41	85
29	− 7	9	15.7	16.24	6.98	−12	48.43	8.62	+7	41	85
30	−11	9	14.2	16.38	7.01	−18	48.43	8.64	+5	41	85
Mai 1	−12	8	12.7	16.52	7.03	−20	48.42	8.65	+1	41	85
2	−11	8	10.7	16.65	7.06	−18	48.42	8.67	−3	41	85
3	− 7	+7	8.6	+16.79	−7.08	−11	48.42	−8.69	−6	42	85

Tag		0h Welt-Zeit								
		Sternzeit Greenw.	*t*	*f*	log *g*	*G*	log *h*	*H*	log *i*	*i*
1942		h	s	s		h m		h m		"
Mai	3	14.7	0.3341	+0.594	0.9783	4 23.8	1.2912	15 2.4	0.7824*n*	−6.059
	4	14.7	0.3368	0.601	0.9799	4 22.9	1.2919	14 58.5	0.7757*n*	5.966
	5	14.8	0.3395	0.608	0.9814	4 22.0	1.2925	14 54.6	0.7687*n*	5.871
	6	14.9	0.3423	0.616	0.9830	4 21.1	1.2931	14 50.8	0.7616*n*	5.775
	7	14.9	0.3450	0.623	0.9845	4 20.2	1.2937	14 46.9	0.7541*n*	5.677
	8	15.0	0.3478	0.631	0.9861	4 19.3	1.2944	14 43.1	0.7465*n*	5.578
	9	15.1	0.3505	+0.638	0.9877	4 18.4	1.2950	14 39.2	0.7385*n*	−5.476
	10	15.1	0.3532	0.646	0.9893	4 17.5	1.2956	14 35.4	0.7303*n*	5.374
	11	15.2	0.3560	0.654	0.9909	4 16.6	1.2962	14 31.6	0.7218*n*	5.270
	12	15.3	0.3587	0.662	0.9925	4 15.6	1.2968	14 27.8	0.7131*n*	5.165
	13	15.3	0.3614	0.670	0.9941	4 14.7	1.2974	14 24.0	0.7039*n*	5.057
	14	15.4	0.3642	0.678	0.9957	4 13.8	1.2980	14 20.3	0.6945*n*	4.949
	15	15.5	0.3669	+0.686	0.9973	4 12.9	1.2986	14 16.5	0.6848*n*	−4.839
	16	15.5	0.3697	0.694	0.9990	4 11.9	1.2992	14 12.8	0.6747*n*	4.728
	17	15.6	0.3724	0.703	1.0006	4 11.0	1.2998	14 9.0	0.6643*n*	4.616
	18	15.7	0.3751	0.711	1.0022	4 10.0	1.3004	14 5.3	0.6534*n*	4.502
	19	15.7	0.3779	0.719	1.0038	4 9.0	1.3009	14 1.6	0.6423*n*	4.388
	20	15.8	0.3806	0.728	1.0055	4 8.0	1.3015	13 57.9	0.6306*n*	4.272
	21	15.9	0.3833	+0.737	1.0071	4 7.0	1.3020	13 54.2	0.6186*n*	−4.155
	22	15.9	0.3861	0.745	1.0088	4 6.0	1.3025	13 50.6	0.6061*n*	4.037
	23	16.0	0.3888	0.754	1.0104	4 5.1	1.3030	13 46.9	0.5931*n*	3.918
	24	16.1	0.3916	0.763	1.0120	4 4.1	1.3035	13 43.2	0.5796*n*	3.798
	25	16.1	0.3943	0.772	1.0136	4 3.1	1.3040	13 39.6	0.5654*n*	3.676
	26	16.2	0.3970	0.781	1.0153	4 2.1	1.3045	13 35.9	0.5507*n*	3.554
	27	16.3	0.3998	+0.790	1.0169	4 1.1	1.3049	13 32.3	0.5353*n*	−3.430
	28	16.3	0.4025	0.799	1.0185	4 0.0	1.3054	13 28.7	0.5193*n*	3.306
	29	16.4	0.4052	0.808	1.0202	3 59.0	1.3058	13 25.1	0.5026*n*	3.181
	30	16.5	0.4080	0.817	1.0218	3 58.0	1.3062	13 21.5	0.4850*n*	3.055
	31	16.5	0.4107	0.827	1.0234	3 57.0	1.3066	13 17.9	0.4666*n*	2.928
Juni	1	16.6	0.4135	0.836	1.0249	3 55.9	1.3070	13 14.3	0.4473*n*	2.801
	2	16.7	0.4162	+0.845	1.0265	3 54.9	1.3074	13 10.7	0.4270*n*	−2.673
	3	16.7	0.4189	0.855	1.0281	3 53.9	1.3077	13 7.1	0.4053*n*	2.543
	4	16.8	0.4217	0.864	1.0297	3 52.8	1.3081	13 3.6	0.3827*n*	2.414
	5	16.9	0.4244	0.874	1.0313	3 51.7	1.3084	13 0.0	0.3587*n*	2.284
	6	16.9	0.4272	0.883	1.0329	3 50.7	1.3087	12 56.5	0.3330*n*	2.153
	7	17.0	0.4299	0.893	1.0344	3 49.6	1.3090	12 52.9	0.3056*n*	2.021
	8	17.0	0.4326	+0.903	1.0360	3 48.6	1.3093	12 49.4	0.2762*n*	−1.889
	9	17.1	0.4354	0.912	1.0375	3 47.5	1.3095	12 45.8	0.2448*n*	1.757
	10	17.2	0.4381	0.922	1.0390	3 46.5	1.3098	12 42.3	0.2106*n*	1.624
	11	17.2	0.4408	0.932	1.0405	3 45.4	1.3100	12 38.8	0.1735*n*	1.491
	12	17.3	0.4436	0.942	1.0420	3 44.3	1.3102	12 35.2	0.1326*n*	1.357
	13	17.4	0.4463	+0.951	1.0435	3 43.2	1.3104	12 31.7	0.0871*n*	−1.222

Tag	0h Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1942.0	$\Delta\psi$	$\Delta\psi'$	Mittlere Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1942	in 0.001	in 0.01				in 0.01	23° 26′		in 0.01	in 0.001	
Mai 3	− 7	+ 7	8.6h	+16.79″	−7.08″	−11	48.42″	−8.69″	−6	42	85
4	− 1	7	6.4	16.93	7.10	− 2	48.42	8.70	−7	42	85
5	+ 5	8	4.3	17.07	7.12	+ 9	48.42	8.72	−7	42	86
6	+11	9	2.5	17.20	7.13	+18	48.42	8.73	−6	42	86
7	+14	9	1.0	17.34	7.15	+23	48.42	8.75	−2	42	86
8	+14	9	23.5	17.48	7.16	+24	48.42	8.77	+1	42	86
9	+12	+ 9	22.1	+17.62	−7.18	+20	48.41	−8.78	+4	42	86
10	+ 8	9	20.7	17.76	7.19	+14	48.41	8.80	+7	43	86
11	+ 3	8	19.1	17.89	7.20	+ 6	48.41	8.81	+7	43	86
12	− 1	7	17.5	18.03	7.21	− 2	48.41	8.83	+7	43	86
13	− 5	6	15.6	18.17	7.21	− 8	48.41	8.84	+5	43	87
14	− 7	5	13.5	18.31	7.22	−12	48.41	8.86	+2	43	87
15	− 8	+ 5	11.4	+18.44	−7.22	−14	48.41	−8.87	−1	43	87
16	− 8	6	9.8	18.58	7.23	−13	48.41	8.89	−3	44	87
17	− 6	6	8.2	18.72	7.23	− 9	48.40	8.90	−5	44	87
18	− 3	7	7.1	18.86	7.23	− 5	48.40	8.92	−7	44	87
19	0	7	5.9	18.99	7.23	+ 1	48.40	8.93	−7	44	87
20	+ 4	6	4.5	19.13	7.23	+ 6	48.40	8.94	−6	44	87
21	+ 6	+ 5	3.1	+19.27	−7.22	+ 9	48.40	−8.96	−4	44	88
22	+ 7	4	0.7	19.41	7.22	+11	48.40	8.97	−1	45	88
23	+ 6	4	21.7	19.54	7.21	+ 9	48.40	8.98	+3	45	88
24	+ 3	6	19.3	19.68	7.20	+ 5	48.40	8.99	+5	45	88
25	− 2	7	17.5	19.82	7.20	− 3	48.39	9.01	+7	45	88
26	− 7	9	16.0	19.96	7.19	−11	48.39	9.02	+7	45	88
27	−11	+ 9	14.6	+20.09	−7.18	−18	48.39	−9.03	+6	45	88
28	−13	9	13.1	20.23	7.17	−22	48.39	9.04	+3	46	88
29	−13	9	11.5	20.37	7.15	−22	48.39	9.05	−1	46	88
30	−10	8	9.6	20.51	7.14	−16	48.39	9.06	−5	46	88
31	− 4	8	7.4	20.65	7.13	− 7	48.39	9.07	−7	46	88
Juni 1	+ 2	8	5.2	20.78	7.11	+ 4	48.39	9.08	−8	46	88
2	+ 9	+ 9	3.2	+20.92	−7.09	+15	48.38	−9.09	−7	46	88
3	+13	9	1.5	21.06	7.08	+22	48.38	9.09	−4	47	88
4	+15	10	0.0	21.20	7.06	+25	48.38	9.10	0	47	89
5	+14	10	22.6	21.33	7.04	+23	48.38	9.11	+4	47	89
6	+11	9	21.1	21.47	7.02	+17	48.38	9.11	+6	47	89
7	+ 6	8	19.8	21.61	7.00	+10	48.38	9.12	+7	47	89
8	+ 1	+ 7	18.3	+21.75	−6.98	+ 1	48.38	−9.12	+7	47	89
9	− 4	6	16.5	21.88	6.96	− 6	48.37	9.13	+5	48	89
10	− 6	5	14.4	22.02	6.94	−10	48.37	9.13	+3	48	89
11	− 8	5	12.0	22.16	6.92	−13	48.37	9.14	0	48	89
12	− 7	5	10.0	22.30	6.89	−12	48.37	9.14	−3	48	89
13	− 5	+ 6	8.3	+22.43	−6.87	− 9	48.37	−9.14	−5	48	89

Reduktionsgrößen 1942

Tag	0ʰ Welt-Zeit								
	Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
1942	h	a	s		h m		h m		"
Juni 13	17.4	0.4463	+0.951	1.0435	3 43.2	1.3104	12 31.7	0.0871$_n$	−1.222
14	17.4	0.4491	0.961	1.0450	3 42.2	1.3105	12 28.2	0.0366$_n$	1.088
15	17.5	0.4518	0.971	1.0464	3 41.1	1.3107	12 24.7	9.9791$_n$	0.953
16	17.6	0.4545	0.981	1.0479	3 40.0	1.3108	12 21.2	9.9133$_n$	0.819
17	17.6	0.4573	0.991	1.0493	3 38.9	1.3109	12 17.7	9.8344$_n$	0.683
18	17.7	0.4600	1.001	1.0507	3 37.8	1.3110	12 14.2	9.7388$_n$	0.548
19	17.8	0.4627	+1.011	1.0521	3 36.7	1.3110	12 10.7	9.6160$_n$	−0.413
20	17.8	0.4655	1.021	1.0535	3 35.7	1.3111	12 7.2	9.4425$_n$	0.277
21	17.9	0.4682	1.031	1.0549	3 34.6	1.3111	12 3.7	9.1523$_n$	0.142
22	18.0	0.4710	1.041	1.0563	3 33.5	1.3111	12 0.2	7.7782$_n$	−0.006
23	18.0	0.4737	1.051	1.0577	3 32.4	1.3111	11 56.7	9.1139	+0.130
24	18.1	0.4764	1.061	1.0591	3 31.3	1.3111	11 53.2	9.4232	0.265
25	18.2	0.4792	+1.071	1.0604	3 30.2	1.3110	11 49.6	9.6031	+0.401
26	18.2	0.4819	1.080	1.0617	3 29.1	1.3110	11 46.1	9.7292	0.536
27	18.3	0.4846	1.090	1.0630	3 28.0	1.3109	11 42.6	9.8274	0.672
28	18.4	0.4874	1.100	1.0643	3 27.0	1.3108	11 39.1	9.9063	0.806
29	18.4	0.4901	1.110	1.0656	3 25.9	1.3107	11 35.6	9.9736	0.941
30	18.5	0.4929	1.120	1.0669	3 24.8	1.3105	11 32.1	0.0318	1.076
Juli 1	18.6	0.4956	+1.130	1.0681	3 23.7	1.3104	11 28.6	0.0828	+1.210
2	18.6	0.4983	1.140	1.0693	3 22.6	1.3102	11 25.1	0.1284	1.344
3	18.7	0.5011	1.149	1.0705	3 21.5	1.3100	11 21.6	0.1694	1.477
4	18.8	0.5038	1.159	1.0718	3 20.5	1.3098	11 18.1	0.2068	1.610
5	18.8	0.5066	1.169	1.0730	3 19.4	1.3095	11 14.6	0.2413	1.743
6	18.9	0.5093	1.179	1.0742	3 18.3	1.3093	11 11.0	0.2730	1.875
7	19.0	0.5120	+1.188	1.0753	3 17.2	1.3090	11 7.5	0.3025	+2.007
8	19.0	0.5148	1.198	1.0765	3 16.2	1.3087	11 4.0	0.3300	2.138
9	19.1	0.5175	1.207	1.0776	3 15.1	1.3084	11 0.4	0.3556	2.268
10	19.2	0.5202	1.217	1.0787	3 14.1	1.3081	10 56.9	0.3798	2.398
11	19.2	0.5230	1.226	1.0798	3 13.0	1.3078	10 53.3	0.4026	2.527
12	19.3	0.5257	1.236	1.0809	3 11.9	1.3074	10 49.8	0.4242	2.656
13	19.3	0.5285	+1.245	1.0820	3 10.8	1.3071	10 46.2	0.4445	+2.783
14	19.4	0.5312	1.254	1.0830	3 9.8	1.3067	10 42.6	0.4639	2.910
15	19.5	0.5339	1.264	1.0840	3 8.8	1.3063	10 39.1	0.4824	3.037
16	19.5	0.5367	1.273	1.0851	3 7.8	1.3059	10 35.5	0.5000	3.162
17	19.6	0.5394	1.282	1.0861	3 6.7	1.3054	10 31.9	0.5168	3.287
18	19.7	0.5421	1.291	1.0871	3 5.6	1.3050	10 28.3	0.5328	3.410
19	19.7	0.5449	+1.300	1.0881	3 4.6	1.3045	10 24.7	0.5481	+3.533
20	19.8	0.5476	1.309	1.0891	3 3.6	1.3041	10 21.1	0.5629	3.655
21	19.9	0.5504	1.318	1.0900	3 2.6	1.3036	10 17.5	0.5770	3.776
22	19.9	0.5531	1.327	1.0910	3 1.6	1.3031	10 13.8	0.5905	3.895
23	20.0	0.5558	1.335	1.0919	3 0.6	1.3026	10 10.2	0.6036	4.014
24	20.1	0.5586	+1.344	1.0929	2 59.6	1.3021	10 6.5	0.6162	+4.132

Tag	0h Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1942.0	$\Delta\psi$	$\Delta\psi'$	Mittlere Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1942	in 0.001 (s)	in 0.01 (")				in 0.01 (")	23° 26′		in 0.01 (")	in 0.001	
Juni 13	− 5	+ 6	8.3 (h)	+22.43 (")	−6.87 (")	− 9	48.37 (")	−9.14 (")	−5	48	89
14	− 3	7	7.2	22.57	6.85	− 5	48.37	9.14	−6	48	89
15	0	7	6.0	22.71	6.82	0	48.37	9.15	−7	49	89
16	+ 3	6	4.8	22.85	6.80	+ 5	48.37	9.15	−6	49	89
17	+ 6	6	3.5	22.99	6.77	+ 9	48.36	9.15	−5	49	89
18	+ 7	5	1.5	23.12	6.75	+11	48.36	9.14	−2	49	89
19	+ 7	+ 5	22.8	+23.26	−6.72	+11	48.36	−9.14	+1	49	89
20	+ 4	5	20.1	23.40	6.70	+ 7	48.36	9.14	+4	49	89
21	0	7	18.1	23.54	6.67	0	48.36	9.14	+7	50	89
22	− 5	8	16.5	23.67	6.65	− 8	48.36	9.14	+8	50	89
23	−10	9	15.1	23.81	6.62	−16	48.36	9.13	+7	50	89
24	−13	10	13.7	23.95	6.60	−22	48.36	9.13	+4	50	89
25	−15	+ 9	12.2	+24.09	−6.57	−24	48.35	−9.12	+1	50	89
26	−13	9	10.5	24.22	6.55	−21	48.35	9.12	−3	50	89
27	− 8	8	8.6	24.36	6.53	−13	48.35	9.11	−6	50	89
28	− 2	8	6.5	24.50	6.50	− 3	48.35	9.10	−8	51	89
29	+ 5	8	4.3	24.64	6.48	+ 9	48.35	9.10	−7	51	89
30	+11	9	2.3	24.77	6.45	+18	48.35	9.09	−5	51	89
Juli 1	+14	+ 9	0.6	+24.91	−6.43	+23	48.35	−9.08	−2	51	89
2	+15	10	23.1	25.05	6.41	+24	48.35	9.07	+2	51	89
3	+12	10	21.7	25.19	6.39	+20	48.34	9.06	+6	51	89
4	+ 8	9	20.3	25.32	6.36	+13	48.34	9.05	+7	51	89
5	+ 3	8	18.9	25.46	6.34	+ 5	48.34	9.04	+8	52	89
6	− 2	6	17.2	25.60	6.32	− 3	48.34	9.03	+6	52	89
7	− 5	+ 5	15.2	+25.74	−6.30	− 9	48.34	−9.02	+4	52	89
8	− 7	5	12.6	25.88	6.28	−12	48.34	9.01	+1	52	89
9	− 7	5	10.4	26.01	6.26	−12	48.34	8.99	−2	52	89
10	− 6	6	8.6	26.15	6.25	− 9	48.34	8.98	−5	52	89
11	− 3	6	7.2	26.29	6.23	− 5	48.33	8.96	−6	52	89
12	0	7	6.0	26.43	6.21	0	48.33	8.95	−7	53	89
13	+ 3	+ 7	4.8	+26.56	−6.20	+ 5	48.33	−8.93	−6	53	88
14	+ 6	6	3.4	26.70	6.18	+10	48.33	8.92	−5	53	88
15	+ 7	5	1.9	26.84	6.17	+12	48.33	8.90	−3	53	88
16	+ 7	5	23.7	26.98	6.16	+12	48.33	8.89	0	53	88
17	+ 6	5	21.2	27.11	6.14	+ 9	48.33	8.87	+3	53	88
18	+ 2	6	19.0	27.25	6.13	+ 4	48.32	8.85	+6	53	88
19	− 3	+ 7	17.1	+27.39	−6.12	− 4	48.32	−8.84	+7	54	88
20	− 8	9	15.6	27.53	6.11	−13	48.32	8.82	+7	54	88
21	−12	9	14.1	27.66	6.11	−20	48.32	8.80	+5	54	88
22	−14	9	12.7	27.80	6.10	−23	48.32	8.78	+2	54	88
23	−14	9	11.2	27.94	6.10	−23	48.32	8.76	−2	54	88
24	−10	+ 9	9.5	+28.08	−6.09	−17	48.32	−8.74	−5	54	87

Tag		0h Welt-Zeit								
		Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
1942		h	s	s		h m		h m		"
Juli	24	20.1	0.5586	+1.344	1.0929	2 59.6	1.3021	10 6.5	0.6162	+4.132
	25	20.1	0.5613	1.353	1.0938	2 58.6	1.3016	10 2.9	0.6282	4.248
	26	20.2	0.5640	1.361	1.0947	2 57.6	1.3010	9 59.2	0.6398	4.363
	27	20.3	0.5668	1.369	1.0956	2 56.6	1.3005	9 55.5	0.6510	4.477
	28	20.3	0.5695	1.378	1.0965	2 55.6	1.2999	9 51.8	0.6618	4.590
	29	20.4	0.5723	1.386	1.0973	2 54.7	1.2993	9 48.1	0.6722	4.701
	30	20.5	0.5750	+1.394	1.0982	2 53.7	1.2988	9 44.4	0.6823	+4.812
	31	20.5	0.5777	1.403	1.0990	2 52.8	1.2982	9 40.7	0.6921	4.921
Aug.	1	20.6	0.5805	1.411	1.0998	2 51.8	1.2976	9 37.0	0.7014	5.028
	2	20.7	0.5832	1.419	1.1006	2 50.9	1.2970	9 33.3	0.7105	5.134
	3	20.7	0.5860	1.426	1.1014	2 50.0	1.2964	9 29.5	0.7192	5.239
	4	20.8	0.5887	1.434	1.1022	2 49.1	1.2958	9 25.7	0.7278	5.343
	5	20.9	0.5914	+1.442	1.1030	2 48.2	1.2952	9 22.0	0.7360	+5.445
	6	20.9	0.5942	1.450	1.1037	2 47.3	1.2946	9 18.2	0.7439	5.545
	7	21.0	0.5969	1.457	1.1045	2 46.4	1.2940	9 14.4	0.7515	5.643
	8	21.1	0.5996	1.464	1.1052	2 45.5	1.2933	9 10.6	0.7590	5.741
	9	21.1	0.6024	1.472	1.1060	2 44.6	1.2927	9 6.7	0.7662	5.837
	10	21.2	0.6051	1.479	1.1067	2 43.8	1.2921	9 2.9	0.7732	5.932
	11	21.3	0.6079	+1.486	1.1074	2 42.9	1.2915	8 59.0	0.7800	+6.025
	12	21.3	0.6106	1.494	1.1081	2 42.1	1.2908	8 55.2	0.7865	6.116
	13	21.4	0.6133	1.501	1.1088	2 41.3	1.2902	8 51.3	0.7927	6.205
	14	21.5	0.6161	1.508	1.1095	2 40.5	1.2896	8 47.4	0.7988	6.292
	15	21.5	0.6188	1.514	1.1102	2 39.7	1.2890	8 43.5	0.8047	6.378
	16	21.6	0.6215	1.521	1.1108	2 38.9	1.2883	8 39.6	0.8104	6.462
	17	21.6	0.6243	+1.528	1.1115	2 38.1	1.2877	8 35.7	0.8158	+6.544
	18	21.7	0.6270	1.534	1.1121	2 37.3	1.2871	8 31.8	0.8212	6.625
	19	21.8	0.6298	1.541	1.1128	2 36.5	1.2865	8 27.8	0.8263	6.703
	20	21.8	0.6325	1.547	1.1135	2 35.8	1.2859	8 23.8	0.8312	6.780
	21	21.9	0.6352	1.554	1.1142	2 35.0	1.2853	8 19.9	0.8360	6.855
	22	22.0	0.6380	1.560	1.1148	2 34.3	1.2847	8 15.9	0.8406	6.928
	23	22.0	0.6407	+1.566	1.1154	2 33.6	1.2841	8 11.9	0.8450	+6.999
	24	22.1	0.6434	1.572	1.1160	2 32.9	1.2836	8 7.9	0.8493	7.068
	25	22.2	0.6462	1.578	1.1167	2 32.2	1.2830	8 3.8	0.8535	7.136
	26	22.2	0.6489	1.584	1.1173	2 31.5	1.2824	7 59.8	0.8574	7.201
	27	22.3	0.6517	1.590	1.1180	2 30.8	1.2819	7 55.7	0.8612	7.264
	28	22.4	0.6544	1.596	1.1186	2 30.1	1.2814	7 51.7	0.8648	7.325
	29	22.4	0.6571	+1.602	1.1192	2 29.5	1.2809	7 47.6	0.8683	+7.384
	30	22.5	0.6599	1.608	1.1198	2 28.9	1.2804	7 43.5	0.8716	7.441
	31	22.6	0.6626	1.613	1.1204	2 28.2	1.2799	7 39.5	0.8748	7.496
Sept.	1	22.6	0.6654	1.619	1.1210	2 27.6	1.2794	7 35.4	0.8778	7.548
	2	22.7	0.6681	1.625	1.1217	2 27.0	1.2789	7 31.2	0.8808	7.599
	3	22.8	0.6708	+1.630	1.1223	2 26.4	1.2785	7 27.1	0.8835	+7.647

Tag		0h Welt-Zeit										
		f'	g'	G'	Allgemeine Präzession seit 1942.0	$\Delta\psi$	$\Delta\psi'$	Mittlere Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1942		in 0.001 (s)	in 0.01 (")	h	"	"	in 0.01 (")	23° 26' (")	"	in 0.01 (")	in 0.001	in 0.001
Juli	24	−10	+9	9.5	+28.08	−6.09	−17	48.32	−8.74	−5	54	87
	25	− 5	8	7.6	28.21	6.09	− 8	48.32	8.72	−7	54	87
	26	+ 2	8	5.5	28.35	6.09	+ 3	48.31	8.70	−8	54	87
	27	+ 8	8	3.3	28.49	6.09	+13	48.31	8.68	−6	54	87
	28	+12	8	1.3	28.63	6.09	+20	48.31	8.66	−3	55	87
	29	+14	9	23.5	28.77	6.09	+22	48.31	8.64	+1	55	87
	30	+12	+9	22.1	+28.90	−6.09	+20	48.31	−8.62	+4	55	87
	31	+ 9	9	20.6	29.04	6.10	+14	48.31	8.60	+7	55	87
Aug.	1	+ 4	8	19.3	29.18	6.10	+ 7	48.31	8.58	+8	55	87
	2	− 1	7	17.8	29.32	6.11	− 1	48.31	8.56	+7	55	86
	3	− 5	6	15.9	29.45	6.12	− 8	48.30	8.53	+5	55	86
	4	− 7	5	13.5	29.59	6.13	−11	48.30	8.51	+2	55	86
	5	− 7	+5	11.0	+29.73	−6.14	−12	48.30	−8.49	−1	55	86
	6	− 6	6	9.0	29.87	6.15	−10	48.30	8.47	−4	55	86
	7	− 4	6	7.5	30.00	6.17	− 6	48.30	8.45	−6	56	86
	8	− 1	7	6.2	30.14	6.18	− 1	48.30	8.42	−7	56	86
	9	+ 3	7	5.0	30.28	6.20	+ 5	48.30	8.40	−7	56	86
	10	+ 6	7	3.7	30.42	6.22	+ 9	48.30	8.38	−5	56	85
	11	+ 8	+6	2.2	+30.55	−6.24	+12	48.29	−8.36	−3	56	85
	12	+ 8	5	0.2	30.69	6.26	+13	48.29	8.34	0	56	85
	13	+ 7	5	21.9	30.83	6.28	+11	48.29	8.31	+3	56	85
	14	+ 4	6	19.8	30.97	6.31	+ 7	48.29	8.29	+5	56	85
	15	0	7	17.9	31.10	6.33	− 1	48.29	8.27	+7	56	85
	16	− 5	8	16.2	31.24	6.36	− 9	48.29	8.25	+7	56	85
	17	−10	+9	14.7	+31.38	−6.39	−16	48.29	−8.23	+6	56	85
	18	−13	9	13.2	31.52	6.42	−21	48.28	8.21	+3	57	85
	19	−13	9	11.6	31.66	6.45	−22	48.28	8.18	−1	57	84
	20	−11	8	10.0	31.79	6.48	−18	48.28	8.16	−4	57	84
	21	− 7	8	8.2	31.93	6.51	−11	48.28	8.14	−7	57	84
	22	− 1	8	6.2	32.07	6.55	− 1	48.28	8.12	−8	57	84
	23	+ 5	+8	4.2	+32.21	−6.58	+ 9	48.28	−8.10	−7	57	84
	24	+10	8	2.2	32.34	6.62	+16	48.28	8.08	−4	57	84
	25	+12	8	0.2	32.48	6.66	+20	48.28	8.06	0	57	84
	26	+12	8	22.5	32.62	6.70	+20	48.27	8.04	+3	57	84
	27	+ 9	9	21.0	32.76	6.74	+15	48.27	8.02	+6	57	84
	28	+ 5	8	19.5	32.89	6.78	+ 8	48.27	8.01	+8	57	83
	29	0	+8	18.1	+33.03	−6.82	+ 1	48.27	−7.99	+8	57	83
	30	− 4	6	16.4	33.17	6.87	− 7	48.27	7.97	+6	58	83
	31	− 7	6	14.5	33.31	6.91	−11	48.27	7.95	+3	58	83
Sept.	1	− 8	5	11.9	33.44	6.96	−13	48.27	7.93	0	58	83
	2	− 7	6	9.7	33.58	7.01	−12	48.27	7.92	−3	58	83
	3	− 5	+6	8.0	+33.72	−7.06	− 8	48.26	−7.90	−5	58	83

Tag	0h Welt-Zeit								
	Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
1942	h	s	s		h m		h m		"
Sept. 3	22.8	0.6708	+1.630	1.1223	2 26.4	1.2785	7 27.1	0.8835	+7.647
4	22.8	0.6736	1.636	1.1229	2 25.8	1.2780	7 23.0	0.8862	7.694
5	22.9	0.6763	1.641	1.1236	2 25.3	1.2776	7 18.8	0.8886	7.738
6	23.0	0.6790	1.646	1.1242	2 24.7	1.2773	7 14.7	0.8910	7.780
7	23.0	0.6818	1.651	1.1248	2 24.2	1.2769	7 10.5	0.8932	7.820
8	23.1	0.6845	1.657	1.1254	2 23.6	1.2765	7 6.3	0.8953	7.857
9	23.2	0.6873	+1.662	1.1261	2 23.1	1.2762	7 2.1	0.8972	+7.892
10	23.2	0.6900	1.667	1.1267	2 22.6	1.2759	6 58.0	0.8990	7.925
11	23.3	0.6927	1.672	1.1274	2 22.1	1.2756	6 53.8	0.9007	7.956
12	23.4	0.6955	1.677	1.1280	2 21.6	1.2753	6 49.6	0.9022	7.984
13	23.4	0.6982	1.682	1.1287	2 21.1	1.2750	6 45.3	0.9036	8.010
14	23.5	0.7009	1.687	1.1293	2 20.6	1.2748	6 41.1	0.9049	8.034
15	23.6	0.7037	+1.692	1.1300	2 20.2	1.2746	6 36.9	0.9061	+8.055
16	23.6	0.7064	1.697	1.1307	2 19.7	1.2744	6 32.7	0.9071	8.075
17	23.7	0.7092	1.702	1.1314	2 19.3	1.2742	6 28.4	0.9081	8.092
18	23.8	0.7119	1.707	1.1321	2 18.9	1.2741	6 24.2	0.9088	8.106
19	23.8	0.7146	1.712	1.1328	2 18.5	1.2740	6 19.9	0.9095	8.119
20	23.9	0.7174	1.716	1.1335	2 18.1	1.2739	6 15.7	0.9100	8.129
21	23.9	0.7201	+1.721	1.1342	2 17.8	1.2738	6 11.4	0.9104	+8.136
22	0.0	0.7228	1.726	1.1349	2 17.4	1.2737	6 7.1	0.9107	8.141
23	0.1	0.7256	1.731	1.1357	2 17.0	1.2737	6 2.9	0.9108	8.144
24	0.1	0.7283	1.736	1.1364	2 16.6	1.2737	5 58.6	0.9108	8.144
25	0.2	0.7311	1.741	1.1372	2 16.3	1.2737	5 54.3	0.9107	8.142
26	0.3	0.7338	1.746	1.1380	2 15.9	1.2738	5 50.1	0.9105	8.138
27	0.3	0.7365	+1.750	1.1388	2 15.6	1.2738	5 45.8	0.9102	+8.132
28	0.4	0.7393	1.755	1.1396	2 15.3	1.2739	5 41.5	0.9097	8.123
29	0.5	0.7420	1.760	1.1404	2 15.0	1.2740	5 37.2	0.9091	8.111
30	0.5	0.7448	1.765	1.1412	2 14.7	1.2742	5 33.0	0.9083	8.097
Okt. 1	0.6	0.7475	1.770	1.1421	2 14.4	1.2744	5 28.7	0.9075	8.081
2	0.7	0.7502	1.775	1.1429	2 14.1	1.2745	5 24.4	0.9065	8.063
3	0.7	0.7530	+1.780	1.1438	2 13.9	1.2747	5 20.2	0.9053	+8.041
4	0.8	0.7557	1.785	1.1447	2 13.6	1.2750	5 15.9	0.9041	8.018
5	0.9	0.7584	1.790	1.1456	2 13.4	1.2752	5 11.6	0.9027	7.992
6	0.9	0.7612	1.795	1.1465	2 13.1	1.2755	5 7.3	0.9011	7.964
7	1.0	0.7639	1.800	1.1474	2 12.9	1.2758	5 3.1	0.8994	7.933
8	1.1	0.7667	1.805	1.1483	2 12.6	1.2761	4 58.8	0.8976	7.900
9	1.1	0.7694	+1.810	1.1493	2 12.4	1.2765	4 54.6	0.8956	+7.864
10	1.2	0.7721	1.815	1.1503	2 12.2	1.2768	4 50.3	0.8936	7.827
11	1.3	0.7749	1.821	1.1513	2 12.0	1.2772	4 46.1	0.8914	7.787
12	1.3	0.7776	1.826	1.1523	2 11.8	1.2776	4 41.8	0.8890	7.744
13	1.4	0.7803	1.831	1.1533	2 11.6	1.2780	4 37.6	0.8865	7.700
14	1.5	0.7831	+1.837	1.1543	2 11.4	1.2784	4 33.4	0.8838	+7.652

Tag	0ʰ Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1942.0	$\Delta\psi$	$\Delta\psi'$	Mittlere Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1942	in 0.ˢ001	in 0.″01	ʰ	″	″	in 0.″01	23° 26′ ″	″	in 0.″01	in 0.001	
Sept. 3	− 5	+6	8.0	+33.72	−7.06	− 8	48.26	−7.90	−5	58	83
4	− 2	7	6.7	33.86	7.10	− 3	48.26	7.89	−7	58	83
5	+ 2	7	5.4	33.99	7.15	+ 3	48.26	7.87	−7	58	83
6	+ 5	7	4.2	34.13	7.21	+ 8	48.26	7.86	−6	58	83
7	+ 7	6	2.7	34.27	7.26	+12	48.26	7.84	−4	58	83
8	+ 8	6	0.8	34.41	7.31	+14	48.26	7.83	−1	58	82
9	+ 8	+5	22.7	+34.55	−7.36	+13	48.26	−7.82	+2	58	82
10	+ 5	6	20.4	34.68	7.42	+ 9	48.26	7.80	+5	58	82
11	+ 2	7	18.6	34.82	7.47	+ 3	48.25	7.79	+7	59	82
12	− 3	7	16.9	34.96	7.53	− 6	48.25	7.78	+7	59	82
13	− 8	8	15.4	35.10	7.58	−13	48.25	7.77	+6	59	82
14	−11	8	13.8	35.23	7.64	−19	48.25	7.76	+4	59	82
15	−13	+8	12.1	+35.37	−7.70	−21	48.25	−7.75	0	59	82
16	−11	8	10.5	35.51	7.75	−19	48.25	7.74	−3	59	82
17	− 7	8	8.6	35.65	7.81	−12	48.25	7.73	−6	59	82
18	− 2	8	6.7	35.78	7.87	− 3	48.25	7.72	−8	59	82
19	+ 4	8	4.8	35.92	7.93	+ 6	48.24	7.72	−7	59	82
20	+ 9	8	2.8	36.06	7.98	+14	48.24	7.71	−5	59	82
21	+12	+8	0.8	+36.20	−8.04	+19	48.24	−7.70	−2	60	82
22	+12	8	23.1	36.33	8.10	+20	48.24	7.70	+2	60	82
23	+10	8	21.5	36.47	8.16	+16	48.24	7.69	+5	60	82
24	+ 6	8	19.9	36.61	8.22	+10	48.24	7.69	+7	60	82
25	+ 1	8	18.4	36.75	8.28	+ 2	48.24	7.69	+8	60	82
26	− 3	7	16.9	36.88	8.34	− 5	48.23	7.68	+7	60	82
27	− 6	+6	15.0	+37.02	−8.39	−11	48.23	−7.68	+4	60	82
28	− 8	5	12.9	37.16	8.45	−13	48.23	7.68	+1	60	82
29	− 8	6	10.7	37.30	8.51	−13	48.23	7.68	−2	60	82
30	− 6	6	8.8	37.44	8.57	−10	48.23	7.68	−5	60	82
Okt. 1	− 3	7	7.2	37.57	8.63	− 5	48.23	7.68	−6	61	82
2	0	7	5.9	37.71	8.68	0	48.23	7.68	−7	61	82
3	+ 4	+7	4.7	+37.85	−8.74	+ 6	48.23	−7.68	−7	61	82
4	+ 7	7	3.3	37.99	8.80	+11	48.22	7.68	−5	61	82
5	+ 8	6	1.5	38.12	8.85	+13	48.22	7.69	−2	61	82
6	+ 8	5	23.5	38.26	8.91	+13	48.22	7.69	+1	61	82
7	+ 6	6	21.0	38.40	8.96	+10	48.22	7.69	+4	61	82
8	+ 3	6	19.1	38.54	9.01	+ 4	48.22	7.70	+6	61	82
9	− 2	+8	17.2	+38.67	−9.07	− 4	48.22	−7.70	+8	62	82
10	− 7	8	15.8	38.81	9.12	−11	48.22	7.71	+7	62	83
11	−11	8	14.3	38.95	9.17	−17	48.22	7.72	+5	62	83
12	−12	8	12.7	39.09	9.22	−20	48.21	7.72	+2	62	83
13	−12	8	11.0	39.22	9.27	−19	48.21	7.73	−2	62	83
14	− 8	+8	9.0	+39.36	−9.32	−14	48.21	−7.74	−5	62	83

Tag	0ʰ Welt-Zeit								
	Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
1942	h	s	s		h m		h m		"
Okt. 14	1.5	0.7831	+1.837	1.1543	2 11.4	1.2784	4 33.4	0.8838	+7.652
15	1.5	0.7858	1.843	1.1554	2 11.2	1.2789	4 29.1	0.8810	7.603
16	1.6	0.7886	1.848	1.1565	2 11.0	1.2793	4 24.9	0.8780	7.551
17	1.7	0.7913	1.854	1.1576	2 10.8	1.2798	4 20.7	0.8749	7.497
18	1.7	0.7940	1.859	1.1587	2 10.6	1.2803	4 16.5	0.8716	7.441
19	1.8	0.7968	1.865	1.1599	2 10.4	1.2809	4 12.3	0.8682	7.383
20	1.9	0.7995	+1.871	1.1610	2 10.3	1.2814	4 8.1	0.8646	+7.322
21	1.9	0.8022	1.877	1.1622	2 10.1	1.2819	4 4.0	0.8609	7.259
22	2.0	0.8050	1.883	1.1633	2 9.9	1.2825	3 59.8	0.8570	7.194
23	2.1	0.8077	1.889	1.1645	2 9.7	1.2831	3 55.6	0.8529	7.127
24	2.1	0.8105	1.895	1.1657	2 9.6	1.2836	3 51.5	0.8486	7.057
25	2.2	0.8132	1.902	1.1670	2 9.4	1.2842	3 47.3	0.8442	6.985
26	2.2	0.8159	+1.908	1.1682	2 9.2	1.2848	3 43.2	0.8395	+6.911
27	2.3	0.8187	1.914	1.1695	2 9.0	1.2855	3 39.1	0.8347	6.835
28	2.4	0.8214	1.921	1.1708	2 8.9	1.2861	3 34.9	0.8298	6.757
29	2.4	0.8241	1.928	1.1721	2 8.7	1.2867	3 30.8	0.8246	6.677
30	2.5	0.8269	1.934	1.1734	2 8.6	1.2873	3 26.7	0.8192	6.595
31	2.6	0.8296	1.941	1.1747	2 8.4	1.2879	3 22.7	0.8136	6.510
Nov. 1	2.6	0.8324	+1.948	1.1760	2 8.2	1.2886	3 18.6	0.8077	+6.423
2	2.7	0.8351	1.955	1.1774	2 8.0	1.2892	3 14.5	0.8017	6.335
3	2.8	0.8378	1.962	1.1787	2 7.8	1.2899	3 10.5	0.7955	6.245
4	2.8	0.8406	1.969	1.1801	2 7.6	1.2905	3 6.4	0.7890	6.152
5	2.9	0.8433	1.977	1.1815	2 7.5	1.2912	3 2.4	0.7823	6.058
6	3.0	0.8461	1.984	1.1829	2 7.3	1.2919	2 58.3	0.7754	5.962
7	3.0	0.8488	+1.992	1.1843	2 7.1	1.2925	2 54.3	0.7682	+5.864
8	3.1	0.8515	1.999	1.1857	2 6.9	1.2932	2 50.3	0.7607	5.764
9	3.2	0.8543	2.007	1.1871	2 6.7	1.2938	2 46.3	0.7530	5.662
10	3.2	0.8570	2.015	1.1886	2 6.5	1.2945	2 42.3	0.7449	5.558
11	3.3	0.8597	2.022	1.1900	2 6.3	1.2951	2 38.4	0.7366	5.453
12	3.4	0.8625	2.030	1.1915	2 6.1	1.2958	2 34.4	0.7279	5.345
13	3.4	0.8652	+2.039	1.1930	2 5.9	1.2964	2 30.4	0.7191	+5.237
14	3.5	0.8680	2.047	1.1945	2 5.6	1.2970	2 26.5	0.7098	5.126
15	3.6	0.8707	2.055	1.1960	2 5.4	1.2977	2 22.5	0.7002	5.014
16	3.6	0.8734	2.063	1.1975	2 5.2	1.2983	2 18.6	0.6902	4.900
17	3.7	0.8762	2.072	1.1990	2 5.0	1.2989	2 14.7	0.6799	4.785
18	3.8	0.8789	2.081	1.2005	2 4.7	1.2995	2 10.8	0.6692	4.669
19	3.8	0.8816	+2.089	1.2020	2 4.5	1.3001	2 6.9	0.6580	+4.550
20	3.9	0.8844	2.098	1.2035	2 4.2	1.3007	2 3.0	0.6465	4.431
21	4.0	0.8871	2.107	1.2051	2 3.9	1.3013	1 59.1	0.6345	4.310
22	4.0	0.8899	2.116	1.2067	2 3.6	1.3018	1 55.2	0.6219	4.187
23	4.1	0.8926	2.125	1.2082	2 3.3	1.3024	1 51.4	0.6088	4.063
24	4.2	0.8953	+2.134	1.2097	2 3.1	1.3029	1 47.5	0.5953	+3.938

Tag	0ʰ Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1942.0	$\Delta\psi$	$\Delta\psi'$	Mittlere Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1942	in 0.001 (s)	in 0.01 (″)	(h)	(″)	(″)	in 0.01 (″)	23° 26′ (″)	(″)	in 0.01 (″)	in 0.001	
Okt. 14	− 8	+8	9.0	+39.36	− 9.32	−14	48.21	−7.74	−5	62	83
15	− 3	8	7.0	39.50	9.36	− 5	48.21	7.75	−7	62	83
16	+ 3	8	5.0	39.64	9.41	+ 5	48.21	7.76	−8	63	83
17	+ 8	8	3.1	39.78	9.46	+14	48.21	7.77	−6	63	83
18	+12	8	1.3	39.91	9.50	+19	48.21	7.78	−3	63	83
19	+13	8	23.6	40.05	9.54	+21	48.21	7.79	+1	63	83
20	+11	+9	21.9	+40.19	− 9.58	+19	48.20	−7.80	+4	63	83
21	+ 8	8	20.5	40.33	9.62	+13	48.20	7.81	+7	63	84
22	+ 3	8	18.9	40.46	9.66	+ 5	48.20	7.82	+8	64	84
23	− 2	7	17.4	40.60	9.70	− 3	48.20	7.83	+7	64	84
24	− 6	6	15.6	40.74	9.74	− 9	48.20	7.85	+5	64	84
25	− 8	6	13.6	40.88	9.77	−13	48.20	7.86	+2	64	84
26	− 8	+5	11.3	+41.01	− 9.81	−13	48.20	−7.87	−1	64	84
27	− 7	6	9.4	41.15	9.84	−11	48.20	7.89	−4	65	84
28	− 5	7	7.7	41.29	9.87	− 7	48.19	7.90	−6	65	84
29	− 1	7	6.4	41.43	9.90	− 2	48.19	7.91	−7	65	84
30	+ 2	7	5.2	41.56	9.93	+ 4	48.19	7.93	−7	65	85
31	+ 5	7	3.9	41.70	9.95	+ 9	48.19	7.94	−6	65	85
Nov. 1	+ 7	+6	2.4	+41.84	− 9.98	+12	48.19	−7.96	−4	66	85
2	+ 8	5	0.2	41.98	10.00	+13	48.19	7.97	0	66	85
3	+ 6	5	21.8	42.11	10.02	+11	48.19	7.99	+3	66	85
4	+ 3	6	19.4	42.25	10.04	+ 5	48.18	8.00	+6	66	85
5	− 1	7	17.6	42.39	10.06	− 2	48.18	8.02	+7	66	85
6	− 6	8	16.1	42.53	10.08	−10	48.18	8.03	+7	67	85
7	−10	+9	14.7	+42.67	−10.09	−17	48.18	−8.05	+6	67	86
8	−13	9	13.2	42.80	10.11	−21	48.18	8.06	+3	67	86
9	−13	9	11.5	42.94	10.12	−21	48.18	8.08	−1	67	86
10	−10	8	9.7	43.08	10.13	−17	48.18	8.09	−5	67	86
11	− 5	8	7.6	43.22	10.14	− 8	48.18	8.11	−7	68	86
12	+ 1	8	5.6	43.35	10.14	+ 2	48.17	8.12	−8	68	86
13	+ 8	+8	3.6	+43.49	−10.15	+12	48.17	−8.14	−7	68	86
14	+12	9	1.8	43.63	10.15	+20	48.17	8.15	−4	68	86
15	+14	9	0.1	43.77	10.16	+23	48.17	8.17	0	69	87
16	+13	9	22.6	43.90	10.16	+21	48.17	8.18	+3	69	87
17	+10	9	21.1	44.04	10.15	+16	48.17	8.20	+6	69	87
18	+ 5	8	19.6	44.18	10.15	+ 8	48.17	8.21	+8	69	87
19	0	+7	18.1	+44.32	−10.15	0	48.17	−8.23	+7	70	87
20	− 4	6	16.3	44.45	10.14	− 7	48.16	8.24	+6	70	87
21	− 7	5	14.3	44.59	10.13	−11	48.16	8.25	+3	70	87
22	− 8	5	12.0	44.73	10.13	−13	48.16	8.27	0	70	87
23	− 7	6	9.9	44.87	10.12	−12	48.16	8.28	−3	70	88
24	− 5	+6	8.2	+45.00	−10.10	− 8	48.16	−8.29	−5	71	88

Reduktionsgrößen 1942

Tag	0h Welt-Zeit								
	Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
1942	h	s	s		h m		h m		"
Nov. 24	4.2	0.8953	+2.134	1.2097	2 3.1	1.3029	1 47.5	0.5953	+3.938
25	4.2	0.8981	2.143	1.2112	2 2.8	1.3035	1 43.7	0.5812	3.812
26	4.3	0.9008	2.152	1.2128	2 2.5	1.3040	1 39.8	0.5663	3.684
27	4.4	0.9035	2.162	1.2144	2 2.2	1.3045	1 36.0	0.5510	3.556
28	4.4	0.9063	2.171	1.2160	2 1.9	1.3049	1 32.2	0.5347	3.425
29	4.5	0.9090	2.181	1.2176	2 1.6	1.3054	1 28.4	0.5177	3.294
30	4.5	0.9118	+2.190	1.2191	2 1.3	1.3059	1 24.5	0.5000	+3.162
Dez. 1	4.6	0.9145	2.200	1.2207	2 1.0	1.3063	1 20.7	0.4813	3.029
2	4.7	0.9172	2.210	1.2222	2 0.6	1.3067	1 16.9	0.4616	2.895
3	4.7	0.9200	2.220	1.2238	2 0.3	1.3071	1 13.1	0.4409	2.760
4	4.8	0.9227	2.230	1.2253	1 59.9	1.3075	1 9.4	0.4190	2.624
5	4.9	0.9255	2.240	1.2268	1 59.6	1.3079	1 5.6	0.3957	2.487
6	4.9	0.9282	+2.250	1.2283	1 59.2	1.3082	1 1.8	0.3709	+2.349
7	5.0	0.9309	2.260	1.2299	1 58.9	1.3086	0 58.0	0.3444	2.210
8	5.1	0.9337	2.270	1.2314	1 58.5	1.3089	0 54.3	0.3162	2.071
9	5.1	0.9364	2.280	1.2330	1 58.1	1.3092	0 50.5	0.2858	1.931
10	5.2	0.9391	2.290	1.2345	1 57.7	1.3094	0 46.7	0.2529	1.790
11	5.3	0.9419	2.301	1.2360	1 57.3	1.3097	0 43.0	0.2172	1.649
12	5.3	0.9446	+2.311	1.2375	1 56.9	1.3099	0 39.2	0.1781	+1.507
13	5.4	0.9474	2.321	1.2390	1 56.5	1.3101	0 35.5	0.1351	1.365
14	5.5	0.9501	2.332	1.2405	1 56.1	1.3103	0 31.7	0.0871	1.222
15	5.5	0.9528	2.342	1.2420	1 55.7	1.3105	0 28.0	0.0330	1.079
16	5.6	0.9556	2.353	1.2435	1 55.2	1.3107	0 24.2	9.9713	0.936
17	5.7	0.9583	2.363	1.2450	1 54.8	1.3108	0 20.5	9.8987	0.792
18	5.7	0.9610	+2.374	1.2464	1 54.3	1.3109	0 16.7	9.8116	+0.648
19	5.8	0.9638	2.384	1.2479	1 53.9	1.3110	0 13.0	9.7016	0.503
20	5.9	0.9665	2.394	1.2493	1 53.4	1.3111	0 9.3	9.5551	0.359
21	5.9	0.9693	2.405	1.2508	1 53.0	1.3111	0 5.5	9.3304	0.214
22	6.0	0.9720	2.416	1.2522	1 52.5	1.3111	0 1.8	8.8388	+0.069
23	6.1	0.9747	2.426	1.2536	1 52.1	1.3111	23 58.1	8.8808n	−0.076
24	6.1	0.9775	+2.437	1.2550	1 51.6	1.3111	23 54.3	9.3424n	−0.220
25	6.2	0.9802	2.447	1.2564	1 51.1	1.3110	23 50.6	9.5623n	0.365
26	6.3	0.9829	2.458	1.2577	1 50.6	1.3110	23 46.8	9.7067n	0.509
27	6.3	0.9857	2.468	1.2591	1 50.1	1.3109	23 43.1	9.8156n	0.654
28	6.4	0.9884	2.479	1.2605	1 49.6	1.3108	23 39.4	9.9020n	0.798
29	6.5	0.9912	2.489	1.2619	1 49.1	1.3107	23 35.6	9.9741n	0.942
30	6.5	0.9939	+2.500	1.2632	1 48.6	1.3105	23 31.9	0.0358n	−1.086
31	6.6	0.9966	2.510	1.2645	1 48.1	1.3103	23 28.1	0.0896n	1.229
32	6.7	0.9994	+2.520	1.2658	1 47.6	1.3101	23 24.3	0.1374n	−1.372

Tag	f'	g'	G'	Allgemeine Präzession seit 1942.0	$\Delta\psi$	$\Delta\psi'$	Mittlere Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
	0h Welt-Zeit										
1942	s in 0.001	" in 0.01	h	"	"	" in 0.01	23° 26' "	"	" in 0.01	in 0.001	
Nov. 24	− 5	+ 6	8.2	+45.00	−10.10	− 8	48.16	−8.29	−5	71	88
25	− 2	7	6.8	45.14	10.09	− 3	48.16	8.30	−7	71	88
26	+ 1	7	5.6	45.28	10.08	+ 2	48.16	8.32	−7	71	88
27	+ 4	7	4.4	45.42	10.06	+ 7	48.16	8.33	−6	71	88
28	+ 7	6	3.0	45.56	10.04	+11	48.15	8.34	−4	72	88
29	+ 8	5	1.2	45.69	10.02	+13	48.15	8.35	−1	72	88
30	+ 7	+ 5	22.7	+45.83	−10.00	+11	48.15	−8.36	+2	72	88
Dez. 1	+ 4	5	20.1	45.97	9.98	+ 7	48.15	8.37	+5	73	88
2	0	7	18.1	46.11	9.96	0	48.15	8.38	+7	73	88
3	− 5	8	16.4	46.24	9.94	− 8	48.15	8.39	+7	73	88
4	−10	9	15.1	46.38	9.91	−16	48.15	8.39	+7	73	89
5	−14	10	13.7	46.52	9.89	−22	48.15	8.40	+4	74	89
6	−15	+10	12.2	+46.66	− 9.86	−24	48.14	−8.41	+1	74	89
7	−13	9	10.6	46.79	9.83	−21	48.14	8.41	−3	74	89
8	− 8	8	8.6	46.93	9.81	−13	48.14	8.42	−6	74	89
9	− 2	8	6.5	47.07	9.78	− 3	48.14	8.42	−8	75	89
10	+ 5	8	4.4	47.21	9.75	+ 8	48.14	8.43	−8	75	89
11	+11	9	2.4	47.34	9.72	+18	48.14	8.43	−5	75	89
12	+14	+ 9	0.7	+47.48	− 9.69	+22	48.14	−8.43	−2	75	89
13	+14	10	23.1	47.62	9.65	+24	48.13	8.44	+2	76	89
14	+12	9	21.7	47.76	9.62	+20	48.13	8.44	+5	76	89
15	+ 8	9	20.3	47.89	9.59	+13	48.13	8.44	+7	76	89
16	+ 3	8	18.8	48.03	9.56	+ 4	48.13	8.44	+8	76	89
17	− 2	7	17.2	48.17	9.52	− 4	48.13	8.44	+6	77	89
18	− 6	+ 5	15.1	+48.31	− 9.49	− 9	48.13	−8.44	+4	77	89
19	− 7	5	12.7	48.45	9.45	−12	48.13	8.44	+1	77	89
20	− 7	5	10.3	48.58	9.42	−11	48.13	8.43	−2	77	89
21	− 5	6	8.4	48.72	9.39	− 8	48.12	8.43	−5	78	89
22	− 2	6	6.9	48.86	9.35	− 4	48.12	8.43	−6	78	89
23	+ 1	7	5.7	49.00	9.32	+ 2	48.12	8.42	−7	78	89
24	+ 4	+ 7	4.5	+49.13	− 9.28	+ 7	48.12	−8.42	−6	79	89
25	+ 6	6	3.3	49.27	9.25	+10	48.12	8.41	−5	79	89
26	+ 8	6	1.7	49.41	9.21	+13	48.12	8.40	−2	79	89
27	+ 7	5	23.6	49.55	9.18	+12	48.12	8.39	+1	79	89
28	+ 5	5	21.1	49.68	9.14	+ 9	48.12	8.39	+3	80	89
29	+ 2	6	18.8	49.82	9.11	+ 3	48.11	8.38	+6	80	89
30	− 3	+ 8	16.9	+49.96	− 9.08	− 5	48.11	−8.37	+7	80	89
31	− 9	9	15.5	50.10	9.04	−14	48.11	8.36	+7	80	89
32	−13	+10	14.2	+50.23	− 9.01	−21	48.11	−8.34	+5	80	89

Reduktionsgrößen 1942

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Welt-Zeit	t	A	Δ	A'	B	Δ	B'	C	Δ	D	Δ
1942	s			in 0.00001	″		in 0.″001	″		″	
Jan. 0.224	−0.0021	−0.07343	333	−195	+9.594	9	+52	−2.991	328	+20.209	61
1.222	+0.0006	0.07010	332	−103	9.585	9	+65	3.319	328	20.148	67
2.219	0.0034	0.06678	330	+4	9.576	10	+67	3.647	326	20.081	74
3.216	0.0061	0.06348	329	+111	9.566	11	+57	3.973	325	20.007	80
4.213	0.0088	0.06019	327	+195	9.555	11	+38	4.298	323	19.927	86
5.211	0.0116	0.05692	326	+235	9.544	12	+11	4.621	322	19.841	93
6.208	0.0143	−0.05366	324	+216	+9.532	13	−20	−4.943	320	+19.748	99
7.205	0.0170	0.05042	322	+136	9.519	13	−50	5.263	319	19.649	105
8.202	0.0198	0.04720	321	−1	9.506	14	−69	5.582	318	19.544	111
9.200	0.0225	0.04399	318	−162	9.492	15	−72	5.900	316	19.433	117
10.197	0.0252	0.04081	317	−312	9.477	15	−58	6.216	313	19.316	123
11.194	0.0279	0.03764	314	−408	9.462	15	−31	6.529	311	19.193	129
12.192	0.0307	−0.03450	312	−425	+9.447	16	+4	−6.840	309	+19.064	136
13.189	0.0334	0.03138	310	−350	9.431	16	+40	7.149	307	18.928	141
14.186	0.0361	0.02828	308	−193	9.415	17	+67	7.456	304	18.787	147
15.183	0.0389	0.02520	305	+8	9.398	17	+76	7.760	302	18.640	153
16.181	0.0416	0.02215	302	+208	9.381	18	+67	8.062	299	18.487	158
17.178	0.0443	0.01913	300	+366	9.363	19	+40	8.361	297	18.329	164
18.175	0.0471	−0.01613	297	+447	+9.344	19	+7	−8.658	294	+18.165	170
19.172	0.0498	0.01316	295	+437	9.325	20	−28	8.952	291	17.995	176
20.170	0.0525	0.01021	292	+349	9.305	19	−58	9.243	288	17.819	182
21.167	0.0553	0.00729	288	+209	9.286	20	−72	9.531	285	17.637	187
22.164	0.0580	0.00441	286	+46	9.266	20	−72	9.816	282	17.450	192
23.162	0.0607	−0.00155	283	−98	9.246	20	−59	10.098	279	17.258	197
24.159	0.0634	+0.00128	280	−203	+9.226	20	−36	−10.377	276	+17.061	203
25.156	0.0662	0.00408	277	−263	9.206	21	−7	10.653	272	16.858	208
26.153	0.0689	0.00685	274	−268	9.185	21	+24	10.925	268	16.650	213
27.151	0.0716	0.00959	271	−222	9.164	22	+46	11.193	265	16.437	218
28.148	0.0744	0.01230	267	−134	9.142	22	+62	11.458	261	16.219	224
29.145	0.0771	0.01497	264	−27	9.120	22	+69	11.719	258	15.995	228
30.142	0.0798	+0.01761	261	+87	+9.098	22	+64	−11.977	254	+15.767	233
31.140	0.0826	0.02022	258	+182	9.076	22	+46	12.231	250	15.534	238
Febr. 1.137	0.0853	0.02280	255	+243	9.054	22	+21	12.481	246	15.296	243
2.134	0.0880	0.02535	251	+250	9.032	22	−11	12.727	241	15.053	247
3.131	0.0907	0.02786	248	+192	9.010	22	−40	12.968	237	14.806	252
4.129	0.0935	0.03034	244	+77	8.988	23	−61	13.205	234	14.554	256
5.126	0.0962	+0.03278	242	−72	+8.965	22	−72	−13.439	230	+14.298	261
6.123	0.0989	0.03520	238	−225	8.943	22	−65	13.669	225	14.037	265
7.121	0.1017	0.03758	235	−347	8.921	22	−43	13.894	221	13.772	269
8.118	0.1044	0.03993	232	−402	8.899	22	−10	14.115	216	13.503	273
9.115	0.1071	0.04225	229	−366	8.877	22	+25	14.331	212	13.230	278
10.112	0.1099	+0.04454		−251	+8.855		+55	−14.543		+12.952	

Reduktionsgrößen 1942

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Welt-Zeit	t	A		A'	B		B'	C		D	
1942	s			in 0.00001	"		in 0.001	"		"	
Febr. 10.112	0.1099	+0.04454	225	−251	+8.855	21	+55	−14.543	207	+12.952	281
11.110	0.1126	0.04679	222	− 76	8.834	22	+73	14.750	202	12.671	285
12.107	0.1153	0.04901	219	+118	8.812	21	+71	14.952	197	12.386	288
13.104	0.1181	0.05120	216	+285	8.791	22	+52	15.149	193	12.098	292
14.101	0.1208	0.05336	214	+393	8.769	21	+21	15.342	188	11.806	296
15.099	0.1235	0.05550	210	+420	8.748	21	−15	15.530	183	11.510	300
16.096	0.1262	+0.05760	207	+366	+8.727	20	−46	−15.713	178	+11.210	303
17.093	0.1290	0.05967	204	+248	8.707	21	−68	15.891	173	10.907	305
18.091	0.1317	0.06171	201	+ 95	8.686	20	−74	16.064	168	10.602	309
19.088	0.1344	0.06372	199	− 56	8.666	20	−66	16.232	164	10.293	312
20.085	0.1372	0.06571	196	−182	8.646	19	−48	16.396	158	9.981	315
21.082	0.1399	0.06767	193	−260	8.627	19	−19	16.554	153	9.666	318
22.080	0.1426	+0.06960	190	−287	+8.608	18	+ 9	−16.707	147	+ 9.348	321
23.077	0.1454	0.07150	188	−258	8.590	18	+37	16.854	143	9.027	323
24.074	0.1481	0.07338	186	−185	8.572	17	+58	16.997	137	8.704	325
25.071	0.1508	0.07524	184	− 80	8.555	17	+70	17.134	132	8.379	328
26.069	0.1535	0.07708	181	+ 37	8.538	16	+70	17.266	127	8.051	331
27.066	0.1563	0.07889	179	+146	8.522	16	+57	17.393	121	7.720	333
28.063	0.1590	+0.08068	177	+228	+8.506	15	+33	−17.514	115	+ 7.387	335
März 1.060	0.1617	0.08245	175	+257	8.491	15	+ 3	17.629	110	7.052	336
2.058	0.1645	0.08420	173	+227	8.476	15	−29	17.739	105	6.716	338
3.055	0.1672	0.08593	171	+135	8.461	14	−56	17.844	100	6.378	341
4.052	0.1699	0.08764	168	− 1	8.447	13	−70	17.944	94	6.037	342
5.050	0.1727	0.08932	167	−156	8.434	13	−70	18.038	88	5.695	344
6.047	0.1754	+0.09099	166	−288	+8.421	12	−53	−18.126	83	+ 5.351	345
7.044	0.1781	0.09265	165	−364	8.409	11	−23	18.209	77	5.006	346
8.041	0.1809	0.09430	163	−358	8.398	11	+12	18.286	72	4.660	348
9.039	0.1836	0.09593	162	−272	8.387	10	+45	18.358	66	4.312	349
10.036	0.1863	0.09755	160	−118	8.377	10	+68	18.424	60	3.963	350
11.033	0.1890	0.09915	159	+ 66	8.367	9	+73	18.484	55	3.613	350
12.030	0.1918	+0.10074	159	+238	+8.358	8	+61	−18.539	50	+ 3.263	351
13.028	0.1945	0.10233	158	+364	8.350	8	+33	18.589	44	2.912	352
14.025	0.1972	0.10391	157	+415	8.342	7	+ 1	18.633	38	2.560	352
15.022	0.2000	0.10548	156	+384	8.335	6	−33	18.671	32	2.208	353
16.020	0.2027	0.10704	156	+285	8.329	6	−59	18.703	27	1.855	354
17.017	0.2054	0.10860	155	+145	8.323	5	−71	18.730	21	1.501	354
18.014	0.2082	+0.11015	155	− 6	+8.318	4	−71	−18.751	15	+ 1.147	354
19.011	0.2109	0.11170	155	−144	8.314	4	−56	18.766	10	0.793	354
20.009	0.2136	0.11325	154	−241	8.310	3	−32	18.776	4	0.439	353
21.006	0.2163	0.11479	154	−289	8.307	2	− 3	18.780	−2	+ 0.086	353
22.003	0.2191	0.11633	154	−283	8.305	2	+26	18.778	7	− 0.267	354
23.000	0.2218	+0.11787		−231	+8.303		+50	−18.771		− 0.621	

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Welt-Zeit		t	A	Δ	A′	B	Δ	B′	C	Δ	D	Δ
1942		s			in 0.00001	"		in 0.001"	"		"	
März	23.000	0.2218	+0.11787	155	−231	+8.303	1	+50	−18.771	13	− 0.621	353
	23.998	0.2245	0.11942	155	−141	8.302	0	+67	18.758	18	0.974	353
	24.995	0.2273	0.12097	156	− 28	8.302	0	+72	18.740	24	1.327	352
	25.992	0.2300	0.12253	156	+ 86	8.302	1	+64	18.716	29	1.679	351
	26.989	0.2327	0.12409	157	+183	8.303	2	+45	18.687	35	2.030	351
	27.987	0.2355	0.12566	157	+238	8.305	2	+16	18.652	40	2.381	349
	28.984	0.2382	+0.12723	158	+232	+8.307	3	−16	−18.612	46	− 2.730	349
	29.981	0.2409	0.12881	159	+164	8.310	3	−46	18.566	51	3.079	347
	30.979	0.2437	0.13040	161	+ 42	8.313	4	−67	18.515	57	3.426	346
	31.976	0.2464	0.13201	161	−107	8.317	4	−72	18.458	62	3.772	345
April	1.973	0.2491	0.13362	162	−250	8.321	5	−63	18.396	68	4.117	344
	2.970	0.2518	0.13524	164	−346	8.326	6	−37	18.328	73	4.461	342
	3.968	0.2546	+0.13688	165	−368	+8.332	6	− 2	−18.255	78	− 4.803	340
	4.965	0.2573	0.13853	167	−302	8.338	7	+33	18.177	83	5.143	339
	5.962	0.2600	0.14020	168	−163	8.345	8	+62	18.094	89	5.482	337
	6.959	0.2628	0.14188	170	+ 20	8.353	8	+75	18.005	94	5.819	335
	7.957	0.2655	0.14358	171	+208	8.361	8	+67	17.911	99	6.154	333
	8.954	0.2682	0.14529	173	+354	8.369	9	+46	17.812	104	6.487	331
	9.951	0.2710	+0.14702	175	+430	+8.378	10	+13	−17.708	109	− 6.818	329
	10.949	0.2737	0.14877	177	+424	8.388	10	−21	17.599	115	7.147	326
	11.946	0.2764	0.15054	179	+342	8.398	11	−51	17.484	120	7.473	324
	12.943	0.2791	0.15233	182	+212	8.409	11	−67	17.364	125	7.797	322
	13.940	0.2819	0.15415	184	+ 56	8.420	11	−71	17.239	129	8.119	319
	14.938	0.2846	0.15599	185	− 91	8.431	12	−62	17.110	134	8.438	316
	15.935	0.2873	+0.15784	188	−204	+8.443	12	−43	−16.976	139	− 8.754	314
	16.932	0.2901	0.15972	191	−270	8.455	13	−15	16.837	144	9.068	311
	17.929	0.2928	0.16163	193	−286	8.468	13	+13	16.693	149	9.379	308
	18.927	0.2955	0.16356	195	−253	8.481	13	+40	16.544	154	9.687	306
	19.924	0.2983	0.16551	198	−181	8.494	13	+60	16.390	158	9.993	302
	20.921	0.3010	0.16749	200	− 81	8.507	14	+71	16.232	163	10.295	299
	21.918	0.3037	+0.16949	203	+ 31	+8.521	14	+68	−16.069	167	−10.594	296
	22.916	0.3065	0.17152	206	+135	8.535	14	+55	15.902	172	10.890	292
	23.913	0.3092	0.17358	208	+208	8.549	14	+29	15.730	176	11.182	289
	24.910	0.3119	0.17566	211	+225	8.563	15	− 2	15.554	180	11.471	285
	25.908	0.3146	0.17777	214	+183	8.578	14	−34	15.374	185	11.756	281
	26.905	0.3174	0.17991	216	+ 77	8.592	15	−61	15.189	189	12.037	278
	27.902	0.3201	+0.18207	219	− 68	+8.607	15	−75	−15.000	193	−12.315	275
	28.899	0.3228	0.18426	222	−225	8.622	15	−72	14.807	197	12.590	271
	29.897	0.3256	0.18648	225	−347	8.637	15	−50	14.610	201	12.861	267
	30.894	0.3283	0.18873	227	−401	8.652	16	−18	14.409	206	13.128	264
Mai	1.891	0.3310	0.19100	230	−364	8.668	16	+20	14.203	210	13.392	260
	2.888	0.3338	+0.19330		−243	+8.684		+53	−13.993		−13.652	

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Welt-Zeit		t	A		A′	B		B′	C		D	
1942		s			in 0.00001	″		″ in 0.001	″		″	
Mai	2.888	0.3338	+0.19330	234	−243	+8.684	16	+53	−13.993	213	−13.652	255
	3.886	0.3365	0.19564	236	− 59	8.700	15	+73	13.780	217	13.907	251
	4.883	0.3392	0.19800	239	+148	8.715	16	+74	13.563	221	14.158	248
	5.880	0.3419	0.20039	242	+328	8.731	16	+58	13.342	224	14.406	243
	6.878	0.3447	0.20281	244	+443	8.747	16	+27	13.118	228	14.649	239
	7.875	0.3474	0.20525	247	+472	8.763	16	− 8	12.890	232	14.888	234
	8.872	0.3501	+0.20772	250	+413	+8.779	15	−42	−12.658	235	−15.122	230
	9.869	0.3529	0.21022	253	+290	8.794	16	−64	12.423	239	15.352	225
	10.867	0.3556	0.21275	256	+132	8.810	15	−73	12.184	242	15.577	221
	11.864	0.3583	0.21531	259	− 24	8.825	15	−66	11.942	245	15.798	216
	12.861	0.3611	0.21790	261	−152	8.840	15	−48	11.697	249	16.014	212
	13.858	0.3638	0.22051	264	−236	8.855	15	−25	11.448	252	16.226	207
	14.856	0.3665	+0.22315	267	−270	+8.870	15	+ 4	−11.196	255	−16.433	203
	15.853	0.3693	0.22582	269	−252	8.885	14	+30	10.941	257	16.636	198
	16.850	0.3720	0.22851	272	−198	8.899	14	+51	10.684	260	16.834	193
	17.848	0.3747	0.23123	275	−106	8.913	14	+65	10.424	263	17.027	188
	18.845	0.3774	0.23398	277	− 4	8.927	13	+68	10.161	266	17.215	183
	19.842	0.3802	0.23675	280	+ 97	8.940	13	+61	9.895	269	17.398	178
	20.839	0.3829	+0.23955	282	+176	+8.953	13	+42	− 9.626	271	−17.576	173
	21.837	0.3856	0.24237	284	+216	8.966	13	+14	9.355	274	17.749	168
	22.834	0.3884	0.24521	286	+197	8.979	12	−19	9.081	276	17.917	164
	23.831	0.3911	0.24807	289	+114	8.991	12	−49	8.805	279	18.081	158
	24.828	0.3938	0.25096	291	− 23	9.003	12	−70	8.526	281	18.239	153
	25.826	0.3966	0.25387	293	−184	9.015	11	−75	8.245	283	18.392	148
	26.823	0.3993	+0.25680	294	−332	+9.026	11	−63	− 7.962	286	−18.540	142
	27.820	0.4020	0.25974	297	−426	9.037	10	−34	7.676	287	18.682	137
	28.817	0.4047	0.26271	299	−437	9.047	10	+ 2	7.389	289	18.819	132
	29.815	0.4075	0.26570	301	−350	9.057	10	+41	7.100	291	18.951	127
	30.812	0.4102	0.26871	302	−179	9.067	9	+68	6.809	292	19.078	121
	31.809	0.4129	0.27173	304	+ 34	9.076	8	+78	6.517	295	19.199	116
Juni	1.807	0.4157	+0.27477	306	+246	+9.084	8	+69	− 6.222	297	−19.315	110
	2.804	0.4184	0.27783	308	+408	9.092	7	+43	5.925	298	19.425	105
	3.801	0.4211	0.28091	309	+487	9.099	7	+ 8	5.627	299	19.530	100
	4.798	0.4239	0.28400	311	+471	9.106	6	−28	5.328	301	19.630	94
	5.796	0.4266	0.28711	312	+374	9.112	6	−58	5.027	302	19.724	88
	6.793	0.4293	0.29023	314	+224	9.118	5	−72	4.725	304	19.812	83
	7.790	0.4321	+0.29337	315	+ 57	+9.123	5	−73	− 4.421	304	−19.895	77
	8.787	0.4348	0.29652	316	− 88	9.128	4	−59	4.117	305	19.972	72
	9.785	0.4375	0.29968	317	−193	9.132	4	−34	3.812	306	20.044	66
	10.782	0.4402	0.30285	318	−244	9.136	3	− 6	3.506	308	20.110	61
	11.779	0.4430	0.30603	319	−242	9.139	3	+23	3.198	309	20.171	55
	12.777	0.4457	+0.30922		−195	+9.142		+45	− 2.889		−20.226	

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Welt-Zeit	*t*	*A*		*A′*	*B*		*B′*	*C*		*D*	
1942	s			in 0.00001	"		in 0.001	"		"	
Juni 12.777	0.4457	+0.30922	319	−195	+9.142	2	+45	−2.889	309	−20.226	50
13.774	0.4484	0.31241	320	−116	9.144	1	+61	2.580	309	20.276	44
14.771	0.4512	0.31561	320	− 22	9.145	0	+67	2.271	310	20.320	38
15.768	0.4539	0.31881	321	+ 81	9.145	0	+63	1.961	311	20.358	33
16.766	0.4566	0.32202	322	+164	9.145	1	+48	1.650	311	20.391	27
17.763	0.4594	0.32524	322	+215	9.144	1	+24	1.339	311	20.418	21
18.760	0.4621	+0.32846	323	+218	+9.143	2	− 6	−1.028	312	−20.439	16
19.757	0.4648	0.33169	323	+159	9.141	2	−36	0.716	312	20.455	10
20.755	0.4675	0.33492	323	+ 41	9.139	3	−61	0.404	312	20.465	5
21.752	0.4703	0.33815	322	−114	9.136	4	−73	−0.092	312	20.470	1
22.749	0.4730	0.34137	323	−280	9.132	4	−69	+0.220	312	20.469	7
23.746	0.4757	0.34460	322	−411	9.128	5	−49	0.532	311	20.462	13
24.744	0.4785	+0.34782	322	−471	+9.123	5	−16	+0.843	311	−20.449	18
25.741	0.4812	0.35104	322	−434	9.118	6	+22	1.154	311	20.431	24
26.738	0.4839	0.35426	321	−307	9.112	6	+57	1.465	310	20.407	29
27.736	0.4867	0.35747	321	−110	9.106	7	+77	1.775	310	20.378	35
28.733	0.4894	0.36068	320	+114	9.099	8	+76	2.085	310	20.343	41
29.730	0.4921	0.36388	319	+312	9.091	8	+57	2.395	309	20.302	46
30.727	0.4949	+0.36707	318	+442	+9.083	9	+25	+2.704	307	−20.256	52
Juli 1.725	0.4976	0.37025	318	+481	9.074	9	−13	3.011	307	20.204	57
2.722	0.5003	0.37343	317	+424	9.065	10	−48	3.318	306	20.147	63
3.719	0.5030	0.37660	316	+297	9.055	11	−71	3.624	305	20.084	68
4.716	0.5058	0.37976	314	+133	9.044	12	−77	3.929	305	20.016	74
5.714	0.5085	0.38290	313	− 24	9.032	12	−68	4.234	304	19.942	79
6.711	0.5112	+0.38603	312	−149	+9.020	12	−47	+4.538	302	−19.863	85
7.708	0.5140	0.38915	310	−220	9.008	13	−18	4.840	301	19.778	90
8.706	0.5167	0.39225	309	−235	8.995	13	+11	5.141	299	19.688	96
9.703	0.5194	0.39534	308	−198	8.982	14	+38	5.440	297	19.592	101
10.700	0.5222	0.39842	306	−124	8.968	14	+58	5.737	296	19.491	106
11.697	0.5249	0.40148	304	− 30	8.954	15	+67	6.033	294	19.385	112
12.695	0.5276	+0.40452	303	+ 71	+8.939	15	+66	+6.327	292	−19.273	117
13.692	0.5303	0.40755	301	+161	8.924	16	+53	6.619	291	19.156	122
14.689	0.5331	0.41056	299	+226	8.908	16	+33	6.910	289	19.034	128
15.686	0.5358	0.41355	297	+243	8.892	17	+ 7	7.199	287	18.906	133
16.684	0.5385	0.41652	295	+207	8.875	17	−23	7.486	285	18.773	137
17.681	0.5413	0.41947	293	+112	8.858	18	−50	7.771	283	18.636	143
18.678	0.5440	+0.42240	291	− 29	+8.840	18	−69	+8.054	281	−18.493	148
19.675	0.5467	0.42531	289	−194	8.822	18	−72	8.335	278	18.345	154
20.673	0.5495	0.42820	287	−345	8.804	18	−59	8.613	276	18.191	159
21.670	0.5522	0.43107	284	−446	8.786	19	−31	8.889	273	18.032	164
22.667	0.5549	0.43391	282	−464	8.767	19	+ 5	9.162	271	17.868	168
23.665	0.5577	+0.43673		−387	+8.748		+42	+9.433		−17.700	

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Welt-Zeit	t	A	Δ	A'	B	Δ	B'	C	Δ	D	Δ
1942	s			in 0.00001	"		in 0."001	"		"	
Juli 23.665	0.5577	+0.43673	279	−387	+8.748	20	+42	+ 9.433	269	−17.700	173
24.662	0.5604	0.43952	277	−228	8.728	20	+68	9.702	266	17.527	178
25.659	0.5631	0.44229	274	− 21	8.708	20	+78	9.968	264	17.349	184
26.656	0.5658	0.44503	272	+189	8.688	20	+68	10.232	261	17.165	188
27.654	0.5686	0.44775	270	+355	8.668	21	+41	10.493	257	16.977	193
28.651	0.5713	0.45045	267	+440	8.647	21	+ 5	10.750	255	16.784	197
29.648	0.5740	+0.45312	265	+428	+8.626	21	−33	+11.005	252	−16.587	202
30.645	0.5768	0.45577	262	+338	8.605	21	−62	11.257	249	16.385	206
31.643	0.5795	0.45839	259	+192	8.584	22	−77	11.506	245	16.179	211
Aug. 1.640	0.5822	0.46098	257	+ 31	8.562	21	−75	11.751	242	15.968	215
2.637	0.5850	0.46355	254	−111	8.541	22	−58	11.993	239	15.753	220
3.635	0.5877	0.46609	252	−205	8.519	22	−33	12.232	236	15.533	224
4.632	0.5904	+0.46861	249	−240	+8.497	22	− 1	+12.468	232	−15.309	229
5.629	0.5931	0.47110	246	−218	8.475	21	+30	12.700	229	15.080	233
6.626	0.5959	0.47356	243	−152	8.454	22	+53	12.929	225	14.847	237
7.624	0.5986	0.47599	240	− 56	8.432	22	+66	13.154	222	14.610	241
8.621	0.6013	0.47839	238	+ 51	8.410	22	+68	13.376	218	14.369	245
9.618	0.6041	0.48077	235	+149	8.388	23	+61	13.594	214	14.124	250
10.615	0.6068	+0.48312	232	+224	+8.365	22	+42	+13.808	211	−13.874	254
11.613	0.6095	0.48544	229	+263	8.343	22	+16	14.019	207	13.620	257
12.610	0.6123	0.48773	227	+247	8.321	22	−15	14.226	203	13.363	261
13.607	0.6150	0.49000	224	+175	8.299	22	−42	14.429	199	13.102	265
14.604	0.6177	0.49224	221	+ 49	8.277	21	−64	14.628	195	12.837	269
15.602	0.6205	0.49445	218	−106	8.256	22	−71	14.823	191	12.568	272
16.599	0.6232	+0.49663	216	−263	+8.234	21	−65	+15.014	187	−12.296	275
17.596	0.6259	0.49879	213	−383	8.213	21	−43	15.201	182	12.021	279
18.594	0.6286	0.50092	210	−439	8.192	21	− 9	15.383	178	11.742	282
19.591	0.6314	0.50302	208	−405	8.171	21	+28	15.561	174	11.460	286
20.588	0.6341	0.50510	206	−289	8.150	20	+58	15.735	170	11.174	289
21.585	0.6368	0.50716	203	−112	8.130	20	+75	15.905	165	10.885	292
22.583	0.6396	+0.50919	201	+ 88	+8.110	20	+72	+16.070	161	−10.593	296
23.580	0.6423	0.51120	198	+265	8.090	20	+53	16.231	156	10.297	299
24.577	0.6450	0.51318	196	+381	8.070	19	+21	16.387	152	9.998	301
25.574	0.6478	0.51514	193	+411	8.051	19	−16	16.539	147	9.697	304
26.572	0.6505	0.51707	191	+354	8.032	19	−50	16.686	143	9.393	307
27.569	0.6532	0.51898	189	+232	8.013	19	−71	16.829	138	9.086	310
28.566	0.6559	+0.52087	186	+ 77	+7.994	18	−77	+16.967	133	− 8.776	312
29.564	0.6587	0.52273	184	− 74	7.976	18	−69	17.100	128	8.464	315
30.561	0.6614	0.52457	183	−187	7.958	17	−44	17.228	123	8.149	317
31.558	0.6641	0.52640	181	−248	7.941	17	−13	17.351	118	7.832	320
Sept. 1.555	0.6669	0.52821	178	−248	7.924	16	+17	17.469	114	7.512	322
2.553	0.6696	+0.52999		−196	+7.908		+46	+17.583		− 7.190	

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Welt-Zeit	t	A		A′	B		B′	C		D	
1942	s			in 0.00001	"		in 0".001	"		"	
Sept. 2.553	0.6696	+0.52999	177	−196	+7.908	16	+46	+17.583	109	−7.190	324
3.550	0.6723	0.53176	175	−106	7.892	15	+63	17.692	104	6.866	326
4.547	0.6751	0.53351	173	+ 2	7.877	14	+71	17.796	99	6.540	327
5.544	0.6778	0.53524	171	+114	7.863	14	+67	17.895	93	6.213	330
6.542	0.6805	0.53695	170	+205	7.849	14	+51	17.988	88	5.883	332
7.539	0.6833	0.53865	168	+261	7.835	13	+26	18.076	84	5.551	335
8.536	0.6860	+0.54033	167	+266	+7.822	13	− 4	+18.160	79	−5.216	336
9.534	0.6887	0.54200	165	+216	7.809	13	−34	18.239	73	4.880	337
10.531	0.6914	0.54365	164	+110	7.796	12	−57	18.312	67	4.543	339
11.528	0.6942	0.54529	164	− 32	7.784	11	−71	18.379	63	4.204	339
12.525	0.6969	0.54693	162	−190	7.773	10	−67	18.442	58	3.865	341
13.523	0.6996	0.54855	161	−322	7.763	10	−52	18.500	52	3.524	343
14.520	0.7024	+0.55016	160	−399	+7.753	9	−21	+18.552	47	−3.181	343
15.517	0.7051	0.55176	160	−398	7.744	9	+15	18.599	41	2.838	344
16.514	0.7078	0.55336	159	−314	7.735	8	+48	18.640	36	2.494	346
17.512	0.7106	0.55495	158	−157	7.727	7	+70	18.676	31	2.148	346
18.509	0.7133	0.55653	158	+ 32	7.720	7	+75	18.707	25	1.802	347
19.506	0.7160	0.55811	158	+213	7.713	6	+63	18.732	20	1.455	347
20.503	0.7187	+0.55969	157	+346	+7.707	6	+34	+18.752	15	−1.108	348
21.501	0.7215	0.56126	157	+400	7.701	5	0	18.767	9	0.760	348
22.498	0.7242	0.56283	157	+371	7.696	4	−38	18.776	4	0.412	349
23.495	0.7269	0.56440	157	+270	7.692	4	−62	18.780	−2	−0.063	349
24.493	0.7297	0.56597	157	+123	7.688	3	−76	18.778	7	+0.286	350
25.490	0.7324	0.56754	158	− 31	7.685	3	−73	18.771	13	0.636	349
26.487	0.7351	+0.56912	157	−161	+7.682	2	−56	+18.758	18	+0.985	349
27.484	0.7379	0.57069	158	−243	7.680	2	−29	18.740	23	1.334	349
28.482	0.7406	0.57227	158	−267	7.678	1	+ 5	18.717	29	1.683	348
29.479	0.7433	0.57385	159	−233	7.677	0	+34	18.688	35	2.031	348
30.476	0.7461	0.57544	160	−160	7.677	1	+57	18.653	40	2.379	348
Okt. 1.473	0.7488	0.57704	160	− 54	7.678	2	+68	18.613	45	2.727	346
2.471	0.7515	+0.57864	162	+ 60	+7.680	2	+70	+18.568	51	+3.073	346
3.468	0.7542	0.58026	162	+164	7.682	3	+58	18.517	57	3.419	345
4.465	0.7570	0.58188	163	+236	7.685	3	+37	18.460	62	3.764	345
5.463	0.7597	0.58351	165	+264	7.688	4	+10	18.398	68	4.109	344
6.460	0.7624	0.58516	166	+235	7.692	4	−22	18.330	73	4.453	343
7.457	0.7652	0.58682	168	+149	7.696	5	−51	18.257	78	4.796	341
8.454	0.7679	+0.58850	169	+ 16	+7.701	5	−68	+18.179	83	+5.137	340
9.452	0.7706	0.59019	170	−141	7.706	6	−72	18.096	89	5.477	339
10.449	0.7734	0.59189	172	−285	7.712	7	−61	18.007	95	5.816	337
11.446	0.7761	0.59361	174	−382	7.719	7	−35	17.912	100	6.153	335
12.443	0.7788	0.59535	176	−406	7.726	8	0	17.812	105	6.488	333
13.441	0.7815	+0.59711		−340	+7.734		+36	+17.707		+6.821	

Reduktionsgrößen 1942

für 12h Sternzeit Greenwich

Welt-Zeit	t	A		A'	B		B'	C		D	
1942	s			in 0.00001	"		in 0.001	"		"	
Okt. 13.441	0.7815	+0.59711	178	−340	+7.734	8	+36	+17.707	111	+ 6.821	331
14.438	0.7843	0.59889	180	−198	7.742	9	+64	17.596	116	7.152	330
15.435	0.7870	0.60069	183	− 12	7.751	9	+76	17.480	121	7.482	328
16.432	0.7897	0.60252	185	+180	7.760	10	+70	17.359	126	7.810	325
17.430	0.7925	0.60437	187	+332	7.770	10	+47	17.233	132	8.135	324
18.427	0.7952	0.60624	189	+416	7.780	11	+13	17.101	137	8.459	321
19.424	0.7979	+0.60813	192	+412	+7.791	11	−23	+16.964	141	+ 8.780	319
20.422	0.8007	0.61005	194	+327	7.802	12	−56	16.823	147	9.099	317
21.419	0.8034	0.61199	197	+188	7.814	12	−72	16.676	152	9.416	314
22.416	0.8061	0.61396	199	+ 30	7.826	12	−76	16.524	158	9.730	310
23.413	0.8089	0.61595	202	−113	7.838	13	−63	16.366	162	10.040	307
24.411	0.8116	0.61797	205	−217	7.851	13	−38	16.204	167	10.347	305
25.408	0.8143	+0.62002	207	−264	+7.864	13	−10	+16.037	172	+10.652	302
26.405	0.8170	0.62209	210	−255	7.877	13	+21	15.865	177	10.954	299
27.402	0.8198	0.62419	214	−198	7.890	14	+47	15.688	182	11.253	296
28.400	0.8225	0.62633	217	−106	7.904	14	+63	15.506	187	11.549	292
29.397	0.8252	0.62850	219	+ 3	7.918	14	+71	15.319	191	11.841	288
30.394	0.8280	0.63069	222	+111	7.932	15	+67	15.128	196	12.129	285
31.392	0.8307	+0.63291	226	+196	+7.947	15	+48	+14.932	201	+12.414	281
Nov. 1.389	0.8334	0.63517	229	+245	7.962	15	+22	14.731	205	12.695	278
2.386	0.8362	0.63746	231	+242	7.977	15	− 9	14.526	210	12.973	274
3.383	0.8389	0.63977	235	+176	7.992	15	−38	14.316	214	13.247	270
4.381	0.8416	0.64212	238	+ 56	8.007	16	−63	14.102	218	13.517	267
5.378	0.8443	0.64450	241	− 99	8.023	15	−74	13.884	222	13.784	262
6.375	0.8471	+0.64691	244	−255	+8.038	16	−69	+13.662	228	+14.046	258
7.372	0.8498	0.64935	247	−377	8.054	15	−48	13.434	232	14.304	254
8.370	0.8525	0.65182	251	−434	8.069	15	−14	13.202	236	14.558	249
9.367	0.8553	0.65433	254	−399	8.084	16	+22	12.966	239	14.807	245
10.364	0.8580	0.65687	257	−277	8.100	15	+55	12.727	243	15.052	240
11.361	0.8607	0.65944	261	− 88	8.115	15	+75	12.484	248	15.292	236
12.359	0.8635	+0.66205	264	+119	+8.130	15	+75	+12.236	252	+15.528	231
13.356	0.8662	0.66469	267	+304	8.145	15	+58	11.984	255	15.759	227
14.353	0.8689	0.66736	270	+425	8.160	15	+28	11.729	259	15.986	222
15.351	0.8717	0.67006	273	+458	8.175	15	− 9	11.470	262	16.208	217
16.348	0.8744	0.67279	277	+397	8.190	14	−45	11.208	266	16.425	212
17.345	0.8771	0.67556	280	+272	8.204	14	−68	10.942	270	16.637	206
18.342	0.8798	+0.67836	282	+112	+8.218	14	−76	+10.672	273	+16.843	202
19.340	0.8826	0.68118	286	− 44	8.232	14	−69	10.399	277	17.045	197
20.337	0.8853	0.68404	289	−170	8.246	13	−48	10.122	279	17.242	191
21.334	0.8880	0.68693	292	−240	8.259	13	−19	9.843	282	17.433	186
22.331	0.8908	0.68985	294	−252	8.272	13	+10	9.561	285	17.619	180
23.329	0.8935	+0.69279		−213	+8.285		+38	+ 9.276		+17.799	

Reduktionsgrößen 1942

für 12^h Sternzeit Greenwich

Welt-Zeit 1942	t	A	Δ	A′ in 0.00001	B	Δ	B′ in 0.″001	C	Δ	D	Δ
Nov. 23.329	0.8935	+0.69279	298	−213	+8.″285	12	+38	+9.″276	289	+17.″799	175
24.326	0.8962	0.69577	300	−135	8.297	12	+58	8.987	292	17.974	169
25.323	0.8990	0.69877	303	− 34	8.309	12	+67	8.695	295	18.143	164
26.321	0.9017	0.70180	306	+ 71	8.321	11	+67	8.400	297	18.307	158
27.318	0.9044	0.70486	308	+163	8.332	11	+55	8.103	300	18.465	153
28.315	0.9071	0.70794	311	+227	8.343	10	+34	7.803	302	18.618	147
29.312	0.9099	+0.71105	313	+241	+8.353	10	+ 6	+7.501	305	+18.765	141
30.310	0.9126	0.71418	315	+201	8.363	9	−26	7.196	307	18.906	136
Dez. 1.307	0.9153	0.71733	317	+100	8.372	9	−54	6.889	309	19.042	130
2.304	0.9181	0.72050	319	− 44	8.381	8	−72	6.580	312	19.172	124
3.301	0.9208	0.72369	321	−212	8.389	7	−73	6.268	314	19.296	117
4.299	0.9235	0.72690	324	−362	8.396	7	−61	5.954	315	19.413	111
5.296	0.9263	+0.73014	326	−459	+8.403	6	−31	+5.639	317	+19.524	106
6.293	0.9290	0.73340	328	−467	8.409	6	+ 7	5.322	320	19.630	100
7.291	0.9317	0.73668	329	−381	8.415	5	+44	5.002	321	19.730	93
8.288	0.9345	0.73997	331	−211	8.420	5	+70	4.681	322	19.823	87
9.285	0.9372	0.74328	332	+ 5	8.425	4	+80	4.359	324	19.910	81
10.282	0.9399	0.74660	333	+220	8.429	4	+70	4.035	325	19.991	75
11.280	0.9426	+0.74993	335	+391	+8.433	3	+43	+3.710	326	+20.066	69
12.277	0.9454	0.75328	336	+472	8.436	2	+ 6	3.384	327	20.135	62
13.274	0.9481	0.75664	337	+454	8.438	1	−32	3.057	328	20.197	56
14.271	0.9508	0.76001	339	+356	8.439	1	−63	2.729	330	20.253	49
15.269	0.9536	0.76340	340	+203	8.440	0	−78	2.399	331	20.302	43
16.266	0.9563	0.76680	340	+ 35	8.440	1	−75	2.068	331	20.345	37
17.263	0.9590	+0.77020	341	−108	+8.439	2	−57	+1.737	331	+20.382	30
18.260	0.9618	0.77361	341	−203	8.437	2	−32	1.406	332	20.412	24
19.258	0.9645	0.77702	342	−232	8.435	3	− 1	1.074	333	20.436	18
20.255	0.9672	0.78044	342	−207	8.432	3	+30	0.741	333	20.454	11
21.252	0.9699	0.78386	342	−141	8.429	4	+52	0.408	333	20.465	5
22.250	0.9727	0.78728	342	− 46	8.425	5	+65	+0.075	333	20.470	2
23.247	0.9754	+0.79070	342	+ 56	+8.420	6	+66	−0.258	332	+20.468	8
24.244	0.9781	0.79412	342	+149	8.414	6	+59	0.590	333	20.460	15
25.241	0.9809	0.79754	342	+217	8.408	7	+41	0.923	333	20.445	21
26.239	0.9836	0.80096	341	+250	8.401	8	+17	1.256	332	20.424	27
27.236	0.9863	0.80437	340	+227	8.393	9	−13	1.588	332	20.397	34
28.233	0.9891	0.80777	340	+150	8.384	9	−41	1.920	331	20.363	40
29.230	0.9918	+0.81117	339	+ 23	+8.375	10	−64	−2.251	330	+20.323	47
30.228	0.9945	0.81456	339	−141	8.365	11	−73	2.581	330	20.276	53
31.225	0.9973	0.81795	337	−310	8.354	12	−69	2.911	329	20.223	60
32.222	1.0000	+0.82132		−441	+8.342		−46	−3.240		+20.163	

Übertragung mittlerer Sternörter

von dem Äquinoktium t_1 auf $t_2 = 1942.0$

t_1	$m^s(t_2-t_1)$	$n^s(t_2-t_1)$	$n''(t_2-t_1)$	log $n^s(t_2-t_1)$	log $n''(t_2-t_1)$
	m s	s	"		
1755	+9 34.348	+249.972	+3749.58	2.397891	3.573983
1790	7 46.899	203.171	3047.56	2.307862	3.483952
1800	7 16.195	189.800	2847.00	2.278296	3.454387
1810	6 45.490	176.430	2646.45	2.246572	3.422664
1825	5 59.428	156.376	2345.64	2.194170	3.370261
1830	+5 44.073	+149.692	+2245.38	2.175199	3.351290
1835	5 28.717	143.008	2145.12	2.155360	3.331452
1840	5 13.361	136.324	2044.86	2.134572	3.310664
1845	4 58.005	129.640	1944.60	2.112739	3.288830
1850	4 42.648	122.956	1844.34	2.089750	3.265841
1855	+4 27.291	+116.272	+1744.09	2.065475	3.241569
1860	4 11.933	109.589	1643.83	2.039767	3.215857
1865	3 56.575	102.906	1543.58	2.012441	3.188529
1870	3 41.216	96.222	1443.34	1.983274	3.159369
1875	3 25.857	89.539	1343.09	1.952012	3.128105
1880	+3 10.498	+ 82.856	+1242.85	1.91832	3.094419
1885	2 55.138	76.174	1142.60	1.88181	3.057894
1890	2 39.777	69.491	1042.36	1.84193	3.018018
1895	2 24.416	62.809	942.13	1.79802	2.974111
1900	2 9.055	56.126	841.89	1.74916	2.925255
1905	+1 53.693	+ 49.444	+ 741.66	1.69411	2.87020
1910	1 38.330	42.762	641.43	1.63106	2.80715
1915	1 22.968	36.080	541.20	1.55727	2.73336
1920	1 7.604	29.398	440.97	1.46832	2.64441
1925	0 52.240	22.717	340.75	1.35635	2.53244
1930	+ 36.876	+ 16.035	+ 240.53	1.20507	2.38117
1935	21.511	9.354	140.30	0.97100	2.14706
1940	+ 6.146	+ 2.672	+ 40.09	0.42684	1.60304
1945	− 9.219	− 4.009	− 60.13	0.60304*n*	1.77909*n*
1950	− 24.586	− 10.690	− 160.34	1.02898*n*	2.20504*n*

Sind α_1, δ_1 die Koordinaten für t_1 und α_2, δ_2 jene für $t_2 = 1942.0$, ist ferner α', δ' der genäherte Sternort für die Zeit

$$\frac{1}{2}(t_1 + t_2),$$

so ist

$$\alpha_2 = \alpha_1 + m^s(t_2 - t_1) + [n^s(t_2 - t_1)] \sin \alpha' \operatorname{tg} \delta'$$
$$\delta_2 = \delta_1 + [n''(t_2 - t_1)] \cos \alpha'$$

Übertragung mittlerer Polsternörter

von dem Äquinoktium t_1 auf $t_2 = 1942.0$

t_1	$90° - (N)$		$(m) + (N) - 90°$		(n)
	′ ″	m s	′ ″	m s	′ ″
1755	+71 46.34	+4 47.090	+71 49.11	+4 47.274	+62 29.31
1790	58 20.89	3 53.393	58 22.72	3 53.515	50 47.41
1800	54 30.72	3 38.048	54 32.31	3 38.154	47 26.88
1810	50 40.52	3 22.701	50 41.90	3 22.793	44 6.35
1825	44 55.19	2 59.679	44 56.28	2 59.751	39 5.57
1830	+43 0.07	+2 52.005	+43 1.07	+2 52.071	+37 25.32
1835	41 4.94	2 44.330	41 5.86	2 44.390	35 45.06
1840	39 9.81	2 36.654	39 10.64	2 36.709	34 4.81
1845	37 14.68	2 28.978	37 15.42	2 29.028	32 24.55
1850	35 19.53	2 21.302	35 20.21	2 21.347	30 44.30
1855	+33 24.39	+2 13.626	+33 24.99	+2 13.666	+29 4.05
1860	31 29.24	2 5.949	31 29.77	2 5.985	27 23.81
1865	29 34.08	1 58.272	29 34.55	1 58.304	25 43.56
1870	27 38.92	1 50.594	27 39.33	1 50.622	24 3.32
1875	25 43.75	1 42.917	25 44.11	1 42.941	22 23.07
1880	+23 48.58	+1 35.239	+23 48.89	+1 35.259	+20 42.83
1885	21 53.41	1 27.560	21 53.66	1 27.578	19 2.59
1890	19 58.22	1 19.881	19 58.43	1 19.896	17 22.36
1895	18 3.03	1 12.202	18 3.21	1 12.214	15 42.12
1900	16 7.84	1 4.523	16 7.98	1 4.532	14 1.89
1905	+14 12.64	+0 56.843	+14 12.75	+0 56.850	+12 21.66
1910	12 17.44	0 49.163	12 17.52	0 49.168	10 41.42
1915	10 22.23	0 41.482	10 22.28	0 41.486	9 1.20
1920	8 27.01	0 33.801	8 27.05	0 33.803	7 20.97
1925	6 31.79	0 26.119	6 31.81	0 26.121	5 40.75
1930	+ 4 36.57	+0 18.438	+ 4 36.58	+0 18.438	+ 4 0.53
1935	2 41.34	0 10.756	2 41.34	0 10.756	2 20.30
1940	+ 0 46.10	+0 3.073	+ 0 46.10	+0 3.073	+ 0 40.09
1945	− 1 9.14	−0 4.610	− 1 9.14	−0 4.610	− 1 0.13
1950	− 3 4.39	−0 12.293	− 3 4.39	−0 12.293	− 2 40.34

Sind α_1, δ_1 die Koordinaten für t_1 und α_2, δ_2 jene für $t_2 = 1942.0$, so hat man

zur Reduktion von dem Äquinoktium t_1 auf t_2:

$$a_1 = \alpha_1 + [90° - (N)]$$

$$p_1 = \left(\operatorname{tang} \delta_1 + \cos a_1 \operatorname{tang} \tfrac{1}{2}(n)\right) \sin (n)$$

$$\operatorname{tang} \Delta a_1 = \frac{p_1 \sin a_1}{1 - p_1 \cos a_1}$$

$$\alpha_2 = a_1 + [(m) + (N) - 90°] + \Delta a_1$$

$$\operatorname{tang} \tfrac{1}{2}(\delta_2 - \delta_1) = \cos\left(a_1 + \tfrac{1}{2}\Delta a_1\right) \sec \tfrac{1}{2}\Delta a_1 \operatorname{tang} \tfrac{1}{2}(n)$$

zur Reduktion von dem Äquinoktium t_2 auf t_1:

$$a_2 = \alpha_2 - [(m) + (N) - 90°]$$

$$p_2 = -\left(\operatorname{tang} \delta_2 - \cos a_2 \operatorname{tang} \tfrac{1}{2}(n)\right) \sin (n)$$

$$\operatorname{tang} \Delta a_2 = \frac{p_2 \sin a_2}{1 - p_2 \cos a_2}$$

$$\alpha_1 = a_2 - [90° - (N)] + \Delta a_2$$

$$\operatorname{tang} \tfrac{1}{2}(\delta_1 - \delta_2) = -\cos\left(a_2 + \tfrac{1}{2}\Delta a_2\right) \sec \tfrac{1}{2}\Delta a_2 \operatorname{tang} \tfrac{1}{2}(n)$$

Reduktion von Koordinatendifferenzen scheinbarer Örter auf Differenzen mittlerer Örter für den Jahresanfang.

Sind $\Delta\alpha$ und $\Delta\delta$ die gemessenen Koordinatendifferenzen der scheinbaren Örter im Sinne Objekt minus Stern, $d\Delta\alpha$ und $d\Delta\delta$ die an ihnen anzubringenden Korrektionen, um Koordinatendifferenzen zu erhalten, die sich auf das mittlere Äquinoktium des Jahresanfangs beziehen, so wird

$$d\Delta\alpha = (d\Delta\alpha)_1 + (d\Delta\alpha)_2$$
$$d\Delta\delta = (d\Delta\delta)_1 + (d\Delta\delta)_2,$$

wobei

$$(d\Delta\alpha)_1 = -j\cos(G+\alpha)\,\frac{\operatorname{tg}\delta}{15}\,\Delta\alpha^{\mathrm{m}} - j\sin(G+\alpha)\,\frac{\sec^2\delta}{225}\,\Delta\delta'$$

$$(d\Delta\alpha)_2 = -k\cos(H+\alpha)\,\frac{\sec\delta}{15}\,\Delta\alpha^{\mathrm{m}} - k\sin(H+\alpha)\,\frac{\operatorname{tg}\delta\sec\delta}{225}\,\Delta\delta'$$

$$(d\Delta\delta)_1 = j\sin(G+\alpha)\,\Delta\alpha^{\mathrm{m}}$$

$$(d\Delta\delta)_2 = k\sin(H+\alpha)\sin\delta\,\Delta\alpha^{\mathrm{m}} - k\cos(H+\alpha)\,\frac{\cos\delta}{15}\,\Delta\delta' + [0.0003\,i\sin\delta\,\Delta\delta']$$

Hierin bezeichnen $(d\Delta\alpha)_1$ und $(d\Delta\delta)_1$ den Einfluß der Präzession und Nutation, $(d\Delta\alpha)_2$ und $(d\Delta\delta)_2$ den Einfluß der Aberration.

Die Größen G, H, j, k, i sind auf S. 238* – 255* zu finden. Die Faktoren $\frac{1}{15}\operatorname{tg}\delta$, $\frac{1}{225}\sec^2\delta$, $\frac{1}{15}\sec\delta$, $\frac{1}{225}\operatorname{tg}\delta\sec\delta$, $\sin\delta$, $\frac{1}{15}\cos\delta$ entnehme man der Zusammenstellung auf S. 268*. Die numerischen Werte der Funktionen sinus und cosinus sind auf S. 269* enthalten. $\Delta\alpha^{\mathrm{m}}$ bedeutet die in Zeitminuten ausgedrückte gemessene Rektaszensionsdifferenz, $\Delta\delta'$ ist die in Bogenminuten ausgedrückte gemessene Deklinationsdifferenz. Die Größen $d\Delta\alpha$ und $d\Delta\delta$ ergeben sich in Zeit- bzw. Bogensekunden. Das in eckige Klammern gesetzte Glied $0.0003\,i\sin\delta\,\Delta\delta'$ in der Formel für $(d\Delta\delta)_2$ beträgt für $\Delta\delta' = 10'$ im Maximum $0''.02$ und kann daher in den meisten Fällen unberücksichtigt bleiben.

δ	$\frac{1}{15}$ tg δ	$\frac{1}{225}$ sec$^2\delta$	$\frac{1}{15}$ sec δ	$\frac{1}{225}$ tg δ sec δ	sin δ	$\frac{1}{15}$ cos δ	tg δ	$\frac{1}{15}$ sec$^2\delta$	δ
0°	0.000	0.004	0.067	0.000	0.00	0.07	0.00	0.07	0°
5	0.006	0.004	0.067	0.000	0.09	0.07	0.09	0.07	5
10	0.012	0.005	0.068	0.001	0.17	0.07	0.18	0.07	10
15	0.018	0.005	0.069	0.001	0.26	0.06	0.27	0.07	15
20	0.024	0.005	0.071	0.002	0.34	0.06	0.36	0.08	20
25	0.031	0.005	0.074	0.002	0.42	0.06	0.47	0.08	25
30	0.038	0.006	0.077	0.003	0.50	0.06	0.58	0.09	30
35	0.047	0.007	0.081	0.004	0.57	0.05	0.70	0.10	35
40	0.056	0.008	0.087	0.005	0.64	0.05	0.84	0.11	40
40	0.056	0.008	0.087	0.005	0.64	0.05	0.84	0.11	40
42	0.060	0.008	0.090	0.005	0.67	0.05	0.90	0.12	42
44	0.064	0.009	0.093	0.006	0.69	0.05	0.97	0.13	44
46	0.069	0.009	0.096	0.007	0.72	0.05	1.04	0.14	46
48	0.074	0.010	0.100	0.007	0.74	0.04	1.11	0.15	48
50	0.079	0.011	0.104	0.008	0.77	0.04	1.19	0.16	50
52	0.085	0.012	0.108	0.009	0.79	0.04	1.28	0.18	52
54	0.092	0.013	0.113	0.010	0.81	0.04	1.38	0.19	54
56	0.099	0.014	0.119	0.012	0.83	0.04	1.48	0.21	56
58	0.107	0.016	0.126	0.013	0.85	0.04	1.60	0.24	58
60	0.115	0.018	0.133	0.015	0.87	0.03	1.73	0.27	60
60	0.115	0.018	0.133	0.015	0.87	0.03	1.73	0.27	60
61	0.120	0.019	0.138	0.017	0.87	0.03	1.80	0.28	61
62	0.125	0.020	0.142	0.018	0.88	0.03	1.88	0.30	62
63	0.131	0.022	0.147	0.019	0.89	0.03	1.96	0.32	63
64	0.137	0.023	0.152	0.021	0.90	0.03	2.05	0.35	64
65	0.143	0.025	0.158	0.023	0.91	0.03	2.14	0.37	65
66	0.150	0.027	0.164	0.025	0.91	0.03	2.25	0.40	66
67	0.157	0.029	0.171	0.027	0.92	0.03	2.36	0.44	67
68	0.165	0.032	0.178	0.029	0.93	0.02	2.48	0.48	68
69	0.174	0.035	0.186	0.032	0.93	0.02	2.61	0.52	69
70	0.183	0.038	0.195	0.036	0.94	0.02	2.75	0.57	70
71	0.194	0.042	0.205	0.040	0.95	0.02	2.90	0.63	71
72	0.205	0.047	0.216	0.044	0.95	0.02	3.08	0.70	72
73	0.218	0.052	0.228	0.050	0.96	0.02	3.27	0.78	73
74	0.232	0.058	0.242	0.056	0.96	0.02	3.49	0.88	74
75	0.249	0.066	0.258	0.064	0.97	0.02	3.73	1.00	75
75.0°	0.249	0.066	0.258	0.064	0.97	0.02	3.73	1.00	75.0°
75.5	0.258	0.071	0.266	0.069	0.97	0.02	3.87	1.06	75.5
76.0	0.267	0.076	0.276	0.074	0.97	0.02	4.01	1.14	76.0
76.5	0.278	0.082	0.286	0.079	0.97	0.02	4.17	1.22	76.5
77.0	0.289	0.088	0.296	0.086	0.97	0.01	4.33	1.32	77.0
77.5	0.301	0.095	0.308	0.093	0.98	0.01	4.51	1.42	77.5
78.0	0.314	0.103	0.321	0.101	0.98	0.01	4.70	1.54	78.0
78.5	0.328	0.112	0.334	0.110	0.98	0.01	4.92	1.68	78.5
79.0	0.343	0.122	0.349	0.120	0.98	0.01	5.14	1.83	79.0
79.5	0.360	0.134	0.366	0.132	0.98	0.01	5.40	2.01	79.5
80.0	0.378	0.147	0.384	0.145	0.98	0.01	5.67	2.21	80.0

Sinus

	0^h	1^h	2^h	3^h	4^h	5^h	
0^m	0.000	0.259	0.500	0.707	0.866	0.966	60
1	0.004	0.263	0.504	0.710	0.868	0.967	59
2	0.009	0.267	0.508	0.713	0.870	0.968	58
3	0.013	0.271	0.511	0.716	0.872	0.969	57
4	0.017	0.276	0.515	0.719	0.875	0.970	56
5	0.022	0.280	0.519	0.722	0.877	0.971	55
6	0.026	0.284	0.522	0.725	0.879	0.972	54
7	0.031	0.288	0.526	0.728	0.881	0.973	53
8	0.035	0.292	0.530	0.731	0.883	0.974	52
9	0.039	0.297	0.534	0.734	0.885	0.975	51
10	0.044	0.301	0.537	0.737	0.887	0.976	50
11	0.048	0.305	0.541	0.740	0.889	0.977	49
12	0.052	0.309	0.545	0.743	0.891	0.978	48
13	0.057	0.313	0.548	0.746	0.893	0.979	47
14	0.061	0.317	0.552	0.749	0.895	0.980	46
15	0.065	0.321	0.556	0.752	0.897	0.981	45
16	0.070	0.326	0.559	0.755	0.899	0.982	44
17	0.074	0.330	0.563	0.758	0.901	0.982	43
18	0.078	0.334	0.566	0.760	0.903	0.983	42
19	0.083	0.338	0.570	0.763	0.904	0.984	41
20	0.087	0.342	0.574	0.766	0.906	0.985	40
21	0.092	0.346	0.577	0.769	0.908	0.986	39
22	0.096	0.350	0.581	0.772	0.910	0.986	38
23	0.100	0.354	0.584	0.774	0.912	0.987	37
24	0.105	0.358	0.588	0.777	0.914	0.988	36
25	0.109	0.362	0.591	0.780	0.915	0.988	35
26	0.113	0.367	0.595	0.783	0.917	0.989	34
27	0.118	0.371	0.598	0.785	0.919	0.990	33
28	0.122	0.375	0.602	0.788	0.921	0.990	32
29	0.126	0.379	0.605	0.791	0.922	0.991	31
30	0.131	0.383	0.609	0.793	0.924	0.991	30
31	0.135	0.387	0.612	0.796	0.926	0.992	29
32	0.139	0.391	0.616	0.799	0.927	0.993	28
33	0.143	0.395	0.619	0.801	0.929	0.993	27
34	0.148	0.399	0.623	0.804	0.930	0.994	26
35	0.152	0.403	0.626	0.806	0.932	0.994	25
36	0.156	0.407	0.629	0.809	0.934	0.995	24
37	0.161	0.411	0.633	0.812	0.935	0.995	23
38	0.165	0.415	0.636	0.814	0.937	0.995	22
39	0.169	0.419	0.639	0.817	0.938	0.996	21
40	0.174	0.423	0.643	0.819	0.940	0.996	20
41	0.178	0.427	0.646	0.822	0.941	0.997	19
42	0.182	0.431	0.649	0.824	0.943	0.997	18
43	0.187	0.434	0.653	0.827	0.944	0.997	17
44	0.191	0.438	0.656	0.829	0.946	0.998	16
45	0.195	0.442	0.659	0.831	0.947	0.998	15
46	0.199	0.446	0.663	0.834	0.948	0.998	14
47	0.204	0.450	0.666	0.836	0.950	0.998	13
48	0.208	0.454	0.669	0.839	0.951	0.999	12
49	0.212	0.458	0.672	0.841	0.952	0.999	11
50	0.216	0.462	0.676	0.843	0.954	0.999	10
51	0.221	0.466	0.679	0.846	0.955	0.999	9
52	0.225	0.469	0.682	0.848	0.956	0.999	8
53	0.229	0.473	0.685	0.850	0.958	1.000	7
54	0.233	0.477	0.688	0.853	0.959	1.000	6
55	0.238	0.481	0.692	0.855	0.960	1.000	5
56	0.242	0.485	0.695	0.857	0.961	1.000	4
57	0.246	0.489	0.698	0.859	0.962	1.000	3
58	0.250	0.492	0.701	0.862	0.964	1.000	2
59	0.255	0.496	0.704	0.864	0.965	1.000	1
60	0.259	0.500	0.707	0.866	0.966	1.000	0^m
	5^h	4^h	3^h	2^h	1^h	0^h	

Cosinus

Reduktionsgrößen 1942

Übertragung von Rektaszensions- und Deklinationsdifferenzen vom mittleren Äquinoktium 1942.0 auf das Normaläquinoktium 1950.0

α	a_1	a_2	d_1	α	α	a_1	a_2	d_1	α
h m				h m	h m				h m
0 0	+0.0466+	+0.0000−	−0.000+	24 0	6 0	−0.0000−	+0.0466−	−0.700+	18 0
10	0466	0020	031	50	10	0020	0466	699	50
20	0465	0041	061	40	20	0041	0465	697	40
30	0462	0061	091	30	30	0061	0462	694	30
40	0459	0081	121	20	40	0081	0459	689	20
50	0455	0101	151	10	50	0101	0455	683	10
1 0	+0.0451+	+0.0121−	−0.181+	23 0	7 0	−0.0121−	+0.0451−	−0.676+	17 0
10	0445	0140	210	50	10	0140	0445	667	50
20	0438	0160	239	40	20	0160	0438	657	40
30	0431	0178	268	30	30	0178	0431	646	30
40	0423	0197	296	20	40	0197	0423	634	20
50	0414	0215	323	10	50	0215	0414	621	10
2 0	+0.0404+	+0.0233−	−0.350+	22 0	8 0	−0.0233−	+0.0404−	−0.606+	16 0
10	0393	0251	376	50	10	0251	0393	590	50
20	0382	0268	401	40	20	0268	0382	573	40
30	0370	0284	426	30	30	0284	0370	555	30
40	0357	0300	450	20	40	0300	0357	536	20
50	0344	0315	473	10	50	0315	0344	516	10
3 0	+0.0330+	+0.0330−	−0.495+	21 0	9 0	−0.0330−	+0.0330−	−0.495+	15 0
10	0315	0344	516	50	10	0344	0315	473	50
20	0300	0357	536	40	20	0357	0300	450	40
30	0284	0370	555	30	30	0370	0284	426	30
40	0268	0382	573	20	40	0382	0268	401	20
50	0251	0393	590	10	50	0393	0251	376	10
4 0	+0.0233+	+0.0404−	−0.606+	20 0	10 0	−0.0404−	+0.0233−	−0.350+	14 0
10	0215	0414	621	50	10	0414	0215	323	50
20	0197	0423	634	40	20	0423	0197	296	40
30	0178	0431	646	30	30	0431	0178	268	30
40	0160	0438	657	20	40	0438	0160	239	20
50	0140	0445	667	10	50	0445	0140	210	10
5 0	+0.0121+	+0.0451−	−0.676+	19 0	11 0	−0.0451−	+0.0121−	−0.181+	13 0
10	0101	0455	683	50	10	0455	0101	151	50
20	0081	0459	689	40	20	0459	0081	121	40
30	0061	0462	694	30	30	0462	0061	091	30
40	0041	0465	697	20	40	0465	0041	061	20
50	0020	0466	699	10	50	0466	0020	031	10
6 0	+0.0000+	+0.0466−	−0.700+	18 0	12 0	−0.0466−	+0.0000−	−0.000+	12 0

Für α zwischen 12^h und 24^h gelten die Vorzeichen zur Rechten.

$$\Delta\alpha_{1950.0} = \Delta\alpha_{1942.0} + a_1 \cdot \operatorname{tg}\delta \cdot \Delta\alpha^m + a_2 \cdot \tfrac{1}{15}\sec^2\delta \cdot \Delta\delta';$$

$$\Delta\delta_{1950.0} = \Delta\delta_{1942.0} + d_1 \cdot \Delta\alpha^m$$

$\Delta\alpha^m$ bedeutet die Rektaszensionsdifferenz in Zeitminuten, $\Delta\delta'$ ist die Deklinationsdifferenz in Bogenminuten.

Die Werte von $\operatorname{tg}\delta$ und $\frac{1}{15}\sec^2\delta$ sind auf S. 268* enthalten.

Reduktion vom mittleren Äquinoktium 1950.0 auf das jedesmalige wahre Äquinoktium

0^h Welt-Zeit		f	log g	G	0^h Welt-Zeit		f	log g	G
1942		s		h m s	1942		s		h m s
Jan.	1	−24.804	2.20964	11 46 26	Juni	30	−23.466	2.18556	11 46 24
	6	24.753	2.20875	11 46 29	Juli	5	23.417	2.18464	11 46 27
	11	24.704	2.20787	11 46 33		10	23.369	2.18374	11 46 31
	16	24.656	2.20702	11 46 39		15	23.322	2.18286	11 46 36
	21	24.610	2.20620	11 46 45		20	23.277	2.18200	11 46 42
	26	−24.567	2.20541	11 46 52		25	−23.233	2.18117	11 46 49
	31	24.525	2.20467	11 47 0		30	23.191	2.18037	11 46 57
Febr.	5	24.486	2.20396	11 47 9	Aug.	4	23.151	2.17961	11 47 6
	10	24.450	2.20331	11 47 17		9	23.114	2.17889	11 47 14
	15	24.416	2.20269	11 47 25		14	23.078	2.17821	11 47 23
	20	−24.385	2.20212	11 47 33		19	−23.045	2.17756	11 47 32
	25	24.355	2.20158	11 47 40		24	23.013	2.17696	11 47 40
März	2	24.328	2.20108	11 47 46		29	22.983	2.17638	11 47 48
	7	24.302	2.20060	11 47 51	Sept.	3	22.955	2.17584	11 47 55
	12	24.277	2.20015	11 47 55		8	22.929	2.17533	11 48 1
	17	−24.253	2.19972	11 47 57		13	−22.903	2.17484	11 48 6
	22	24.229	2.19929	11 47 58		18	22.879	2.17436	11 48 9
	27	24.205	2.19886	11 47 57		23	22.854	2.17390	11 48 11
April	1	24.180	2.19842	11 47 55		28	22.830	2.17344	11 48 12
	6	24.155	2.19797	11 47 52	Okt.	3	22.806	2.17297	11 48 11
	11	−24.129	2.19751	11 47 48		8	−22.781	2.17249	11 48 8
	16	24.101	2.19702	11 47 42		13	22.754	2.17200	11 48 4
	21	24.071	2.19649	11 47 35		18	22.726	2.17148	11 47 59
	26	24.039	2.19593	11 47 28		23	22.696	2.17092	11 47 53
Mai	1	24.006	2.19533	11 47 21		28	22.665	2.17031	11 47 46
	6	−23.970	2.19470	11 47 13	Nov.	2	−22.630	2.16967	11 47 38
	11	23.931	2.19401	11 47 5		7	22.594	2.16899	11 47 30
	16	23.891	2.19329	11 46 57		12	22.555	2.16826	11 47 21
	21	23.849	2.19254	11 46 49		17	22.514	2.16747	11 47 13
	26	23.805	2.19175	11 46 42		22	22.470	2.16663	11 47 5
	31	−23.759	2.19092	11 46 36		27	−22.424	2.16575	11 46 58
Juni	5	23.712	2.19007	11 46 31	Dez.	2	22.376	2.16484	11 46 51
	10	23.663	2.18919	11 46 27		7	22.326	2.16387	11 46 46
	15	23.614	2.18830	11 46 24		12	22.275	2.16289	11 46 42
	20	23.565	2.18739	11 46 23		17	22.223	2.16188	11 46 40
	25	−23.515	2.18647	11 46 23		22	−22.170	2.16085	11 46 40
	30	23.466	2.18556	11 46 24		27	22.117	2.15982	11 46 41
Juli	5	−23.417	2.18464	11 46 27		32	−22.065	2.15878	11 46 44

Die mit den vorstehend gegebenen Größen f, log g und G berechnete Reduktion vom mittleren Äquinoktium 1950.0 auf das wahre Äquinoktium der Epoche bedarf noch einer Verbesserung, die von dem Einfluß der Variatio saecularis herrührt und auf den Seiten 272* und 273* enthalten ist. Es wird somit:

$$\text{Red. in } \alpha = f + \tfrac{1}{15}\, g \sin(G+\alpha)\, \mathrm{tg}\, \delta + \text{Korr. nach S. 272*}$$

$$\text{Red. in } \delta = g \cos(G+\alpha) + \text{Korr. nach S. 273*}$$

Korrektion der Reduktion vom mittleren Äquinoktium 1950.0 auf das jedesmalige wahre Äquinoktium (s. S. 271*), berechnet für 1942.0, mit Hinzufügung ihrer einjährigen Änderung.

Für Rektaszension (in $0\overset{s}{.}001$)

α	δ															
	+60°		+50°		+30°		+10°		−10°		−30°		−50°		−60°	
h																
0	+17	−4	+12	−3	+6	−2	+2	−1	−1	0	−5	+1	−11	+3	−16	+4
1	+24	−6	+16	−4	+8	−2	+3	−1	0	0	−3	+1	−6	+2	−8	+2
2	+27	−7	+17	−4	+8	−2	+4	−1	+1	0	−1	0	−2	0	−1	0
3	+27	−7	+16	−4	+8	−2	+4	−1	+2	0	0	0	+1	0	+4	−1
4	+21	−5	+13	−3	+6	−2	+3	−1	+2	0	+1	0	+2	0	+5	−1
5	+12	−3	+7	−2	+4	−1	+2	−1	+1	0	+1	0	+2	0	+4	−1
6	0	0	0	0	0	0	+1	0	+1	0	+1	0	+1	0	+1	0
7	−11	+3	−7	+2	−3	+1	−1	0	0	0	0	0	0	0	−2	0
8	−21	+5	−12	+3	−5	+1	−2	+1	0	0	0	0	0	0	−3	+1
9	−26	+6	−16	+4	−7	+2	−3	+1	0	0	+1	0	+1	0	−2	+1
10	−26	+7	−16	+4	−7	+2	−3	+1	0	0	+2	−1	+4	−1	+2	−1
11	−23	+6	−14	+4	−6	+2	−2	+1	+1	0	+4	−1	+8	−2	+9	−2
12	−16	+4	−11	+3	−5	+1	−1	0	+2	−1	+6	−2	+12	−3	+17	−4
13	−8	+2	−6	+2	−3	+1	0	0	+3	−1	+8	−2	+16	−4	+24	−6
14	−1	0	−2	+1	−1	0	+1	0	+4	−1	+8	−2	+17	−4	+27	−7
15	+4	−1	+1	0	0	0	+2	0	+4	−1	+8	−2	+16	−4	+27	−7
16	+5	−1	+2	−1	+1	0	+2	0	+3	−1	+6	−2	+13	−3	+21	−5
17	+4	−1	+2	0	+1	0	+1	0	+2	−1	+4	−1	+7	−2	+12	−3
18	+1	0	+1	0	+1	0	+1	0	+1	0	0	0	0	0	0	0
19	−2	+1	0	0	0	0	0	0	−1	0	−3	+1	−7	+2	−11	+3
20	−3	+1	0	0	0	0	0	0	−2	+1	−5	+1	−12	+3	−21	+5
21	−2	+1	+1	0	+1	0	0	0	−3	+1	−7	+2	−16	+4	−26	+6
22	+2	−1	+4	−1	+2	−1	0	0	−3	+1	−7	+2	−16	+4	−26	+7
23	+9	−2	+8	−2	+4	−1	+1	0	−2	+1	−6	+2	−14	+4	−23	+6
24	+17	−4	+12	−3	+6	−2	+2	−1	−1	0	−5	+1	−11	+3	−16	+4

Korrektion der Reduktion vom mittleren Äquinoktium 1950.0 auf das jedesmalige wahre Äquinoktium (s. S. 271*), berechnet für 1942.0, mit Hinzufügung ihrer einjährigen Änderung.

Für Deklination (in 0″.01)

α	δ															
	+60°		+50°		+30°		+10°		−10°		−30°		−50°		−60°	
0h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	−5	+1	−4	+1	−4	+1	−4	+1	−4	+1	−4	+1	−3	+1	−3	+1
2	−10	+3	−9	+2	−8	+2	−8	+2	−7	+2	−6	+2	−6	+1	−5	+1
3	−16	+4	−14	+4	−12	+3	−11	+3	−10	+2	−9	+2	−7	+2	−5	+1
4	−21	+5	−18	+5	−15	+4	−13	+3	−12	+3	−10	+2	−7	+2	−4	+1
5	−24	+6	−21	+5	−17	+4	−15	+4	−13	+3	−11	+3	−7	+2	−4	+1
6	−25	+6	−22	+5	−18	+4	−15	+4	−13	+3	−11	+3	−7	+2	−4	+1
7	−24	+6	−21	+5	−17	+4	−15	+4	−13	+3	−10	+3	−7	+2	−4	+1
8	−20	+5	−18	+4	−15	+4	−13	+3	−11	+3	−10	+2	−7	+2	−4	+1
9	−15	+4	−14	+3	−12	+3	−10	+3	−9	+2	−8	+2	−6	+2	−5	+1
10	−10	+2	−9	+2	−8	+2	−7	+2	−7	+2	−6	+2	−5	+1	−4	+1
11	−4	+1	−4	+1	−4	+1	−4	+1	−3	+1	−3	+1	−3	+1	−3	+1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	+3	−1	+3	−1	+4	−1	+4	−1	+4	−1	+4	−1	+4	−1	+5	−1
14	+5	−1	+6	−1	+6	−2	+7	−2	+8	−2	+8	−2	+9	−2	+10	−3
15	+5	−1	+7	−2	+9	−2	+10	−2	+11	−3	+12	−3	+14	−4	+16	−4
16	+4	−1	+7	−2	+10	−2	+12	−3	+13	−3	+15	−4	+18	−5	+21	−5
17	+4	−1	+7	−2	+11	−3	+13	−3	+15	−4	+17	−4	+21	−5	+24	−6
18	+4	−1	+7	−2	+11	−3	+13	−3	+15	−4	+18	−4	+22	−5	+25	−6
19	+4	−1	+7	−2	+10	−3	+13	−3	+15	−4	+17	−4	+21	−5	+24	−6
20	+4	−1	+7	−2	+10	−2	+11	−3	+13	−3	+15	−4	+18	−4	+20	−5
21	+5	−1	+6	−2	+8	−2	+9	−2	+10	−3	+12	−3	+14	−3	+15	−4
22	+4	−1	+5	−1	+6	−2	+7	−2	+7	−2	+8	−2	+9	−2	+10	−2
23	+3	−1	+3	−1	+3	−1	+3	−1	+4	−1	+4	−1	+4	−1	+4	−1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

α	0h, 12h		1h, 13h		2h, 14h		3h, 15h		4h, 16h		5h, 17h		α
m	+A−	+D−	+A−	+D−	+A−	+D−	+A−	+D−	+A−	+D−	+A−	+D−	m
	s	"	s	"	s	"	s	"	s	"	s	"	
0	0.009	160.34	2.775	154.85	5.353	138.79	7.565	113.29	9.262	80.06	10.328	41.37	0
1	0.056	160.34	2.820	154.66	5.393	138.44	7.598	112.79	9.285	79.45	10.340	40.69	1
2	0.102	160.34	2.865	154.48	5.433	138.09	7.631	112.29	9.308	78.84	10.351	40.02	2
3	0.149	160.33	2.910	154.29	5.473	137.73	7.663	111.79	9.331	78.23	10.363	39.34	3
4	0.195	160.32	2.955	154.10	5.513	137.37	7.696	111.29	9.354	77.62	10.374	38.66	4
5	0.242	160.30	3.000	153.90	5.553	137.01	7.728	110.78	9.376	77.01	10.385	37.98	5
6	0.289	160.28	3.044	153.70	5.593	136.65	7.760	110.28	9.399	76.39	10.396	37.30	6
7	0.335	160.26	3.089	153.50	5.633	136.28	7.792	109.77	9.421	75.78	10.407	36.62	7
8	0.382	160.24	3.134	153.30	5.672	135.91	7.824	109.26	9.443	75.16	10.418	35.94	8
9	0.429	160.22	3.178	153.09	5.712	135.54	7.856	108.74	9.464	74.54	10.428	35.26	9
10	0.475	160.19	3.223	152.88	5.751	135.16	7.887	108.23	9.486	73.92	10.438	34.57	10
11	0.522	160.15	3.268	152.67	5.790	134.78	7.919	107.71	9.507	73.30	10.448	33.89	11
12	0.568	160.12	3.312	152.45	5.830	134.40	7.950	107.19	9.529	72.68	10.458	33.21	12
13	0.615	160.08	3.356	152.23	5.869	134.02	7.981	106.67	9.550	72.05	10.467	32.52	13
14	0.661	160.04	3.400	152.01	5.907	133.63	8.012	106.15	9.571	71.43	10.477	31.84	14
15	0.708	159.99	3.445	151.79	5.946	133.25	8.043	105.62	9.591	70.80	10.486	31.15	15
16	0.755	159.94	3.489	151.56	5.985	132.86	8.073	105.09	9.612	70.17	10.495	30.46	16
17	0.801	159.89	3.533	151.34	6.024	132.46	8.104	104.56	9.632	69.54	10.504	29.78	17
18	0.848	159.84	3.577	151.10	6.062	132.07	8.134	104.03	9.652	68.91	10.512	29.09	18
19	0.894	159.78	3.621	150.87	6.100	131.67	8.164	103.50	9.672	68.28	10.521	28.40	19
20	0.941	159.72	3.664	150.63	6.139	131.27	8.194	102.96	9.692	67.64	10.529	27.71	20
21	0.987	159.66	3.708	150.39	6.177	130.87	8.224	102.43	9.712	67.01	10.537	27.02	21
22	1.033	159.59	3.752	150.14	6.215	130.46	8.254	101.89	9.731	66.37	10.544	26.33	22
23	1.080	159.52	3.796	149.90	6.253	130.05	8.284	101.35	9.750	65.73	10.552	25.64	23
24	1.126	159.45	3.839	149.65	6.290	129.64	8.313	100.80	9.769	65.10	10.559	24.95	24
25	1.173	159.38	3.883	149.39	6.328	129.23	8.342	100.26	9.788	64.46	10.566	24.26	25
26	1.219	159.30	3.926	149.14	6.366	128.82	8.371	99.71	9.807	63.81	10.573	23.57	26
27	1.265	159.22	3.969	148.88	6.403	128.40	8.400	99.16	9.825	63.17	10.580	22.88	27
28	1.312	159.13	4.013	148.62	6.440	127.98	8.429	98.61	9.843	62.53	10.587	22.18	28
29	1.358	159.04	4.056	148.35	6.477	127.55	8.458	98.06	9.861	61.88	10.593	21.49	29
30	1.404	158.95	4.099	148.09	6.514	127.13	8.486	97.51	9.879	61.24	10.599	20.80	30
31	1.450	158.86	4.142	147.82	6.551	126.70	8.515	96.95	9.897	60.59	10.605	20.10	31
32	1.497	158.76	4.185	147.55	6.588	126.27	8.543	96.39	9.915	59.94	10.611	19.41	32
33	1.543	158.66	4.228	147.27	6.625	125.84	8.571	95.83	9.932	59.29	10.617	18.71	33
34	1.589	158.56	4.271	146.99	6.661	125.40	8.598	95.27	9.949	58.64	10.622	18.02	34
35	1.635	158.46	4.313	146.71	6.698	124.96	8.626	94.70	9.966	57.99	10.627	17.32	35
36	1.681	158.35	4.356	146.43	6.734	124.53	8.653	94.14	9.983	57.34	10.632	16.63	36
37	1.727	158.24	4.399	146.14	6.770	124.08	8.681	93.57	9.999	56.68	10.637	15.93	37
38	1.773	158.12	4.441	145.85	6.806	123.64	8.708	93.00	10.016	56.03	10.641	15.23	38
39	1.819	158.00	4.483	145.56	6.842	123.19	8.735	92.43	10.032	55.37	10.646	14.54	39
40	1.865	157.88	4.526	145.26	6.878	122.74	8.762	91.86	10.048	54.71	10.650	13.84	40
41	1.911	157.76	4.568	144.97	6.914	122.29	8.788	91.29	10.064	54.06	10.654	13.14	41
42	1.957	157.63	4.610	144.67	6.949	121.84	8.815	90.71	10.079	53.40	10.657	12.45	42
43	2.003	157.50	4.652	144.36	6.985	121.38	8.841	90.13	10.095	52.74	10.661	11.75	43
44	2.048	157.37	4.694	144.06	7.020	120.92	8.867	89.55	10.110	52.08	10.664	11.05	44
45	2.094	157.24	4.736	143.75	7.055	120.46	8.893	88.97	10.125	51.41	10.668	10.35	45
46	2.140	157.10	4.778	143.44	7.090	120.00	8.919	88.39	10.140	50.75	10.670	9.65	46
47	2.186	156.96	4.819	143.12	7.125	119.54	8.944	87.80	10.155	50.09	10.673	8.96	47
48	2.231	156.81	4.861	142.81	7.159	119.07	8.970	87.22	10.169	49.42	10.675	8.26	48
49	2.277	156.66	4.902	142.49	7.194	118.60	8.995	86.63	10.184	48.76	10.678	7.56	49
50	2.322	156.51	4.944	142.17	7.228	118.13	9.020	86.04	10.198	48.09	10.680	6.86	50
51	2.368	156.36	4.985	141.84	7.263	117.65	9.045	85.45	10.211	47.42	10.682	6.16	51
52	2.413	156.20	5.026	141.51	7.297	117.18	9.070	84.86	10.225	46.75	10.683	5.46	52
53	2.459	156.04	5.068	141.18	7.331	116.70	9.095	84.26	10.239	46.08	10.685	4.76	53
54	2.504	155.88	5.109	140.85	7.365	116.22	9.119	83.66	10.252	45.41	10.686	4.06	54
55	2.549	155.72	5.149	140.51	7.398	115.73	9.143	83.07	10.265	44.74	10.687	3.36	55
56	2.595	155.55	5.190	140.17	7.432	115.25	9.167	82.47	10.278	44.07	10.688	2.66	56
57	2.640	155.38	5.231	139.83	7.466	114.76	9.191	81.87	10.291	43.40	10.689	1.97	57
58	2.685	155.20	5.272	139.49	7.499	114.27	9.215	81.27	10.303	42.72	10.689	1.27	58
59	2.730	155.03	5.312	139.14	7.532	113.78	9.239	80.66	10.316	42.05	10.690	0.57	59
60	2.775	154.85	5.353	138.79	7.565	113.29	9.262	80.06	10.328	41.37	10.690	—	60

α	6h, 18h		7h, 19h		8h, 20h		9h, 21h		10h, 22h		11h, 23h		α
m	+A−	−D+	+A−	−D+	+A−	−D+	+A−	−D+	+A−	−D+	+A−	−D+	m
	s	"	s	"	s	"	s	"	s	"	s	"	
0	10.690	0.13	10.323	41.63	9.253	80.29	7.552	113.48	5.337	138.93	2.758	154.91	0
1	10.689	0.83	10.311	42.31	9.230	80.89	7.519	113.97	5.297	139.28	2.713	155.09	1
2	10.689	1.53	10.298	42.98	9.206	81.50	7.486	114.46	5.256	139.62	2.668	155.27	2
3	10.689	2.23	10.286	43.65	9.182	82.10	7.453	114.95	5.215	139.97	2.623	155.44	3
4	10.688	2.93	10.273	44.33	9.158	82.70	7.419	115.44	5.175	140.31	2.577	155.61	4
5	10.687	3.63	10.260	45.00	9.134	83.30	7.386	115.92	5.134	140.64	2.532	155.78	5
6	10.686	4.33	10.247	45.67	9.110	83.89	7.352	116.40	5.093	140.98	2.487	155.95	6
7	10.684	5.03	10.234	46.34	9.085	84.49	7.318	116.88	5.053	141.31	2.441	156.11	7
8	10.683	5.73	10.220	47.01	9.061	85.08	7.284	117.36	5.011	141.64	2.396	156.26	8
9	10.681	6.43	10.206	47.68	9.036	85.68	7.249	117.84	4.969	141.96	2.350	156.42	9
10	10.679	7.13	10.192	48.34	9.011	86.27	7.215	118.31	4.928	142.29	2.305	156.57	10
11	10.677	7.83	10.178	49.01	8.986	86.85	7.181	118.78	4.887	142.61	2.259	156.72	11
12	10.675	8.53	10.164	49.68	8.960	87.44	7.146	119.25	4.845	142.93	2.214	156.87	12
13	10.672	9.22	10.149	50.34	8.935	88.03	7.111	119.71	4.803	143.24	2.168	157.01	13
14	10.669	9.92	10.134	51.01	8.909	88.61	7.076	120.18	4.762	143.56	2.122	157.15	14
15	10.666	10.62	10.119	51.67	8.883	89.19	7.041	120.64	4.720	143.87	2.077	157.29	15
16	10.663	11.32	10.104	52.33	8.857	89.77	7.006	121.10	4.678	144.17	2.031	157.42	16
17	10.659	12.02	10.089	52.99	8.831	90.35	6.971	121.56	4.636	144.48	1.985	157.55	17
18	10.656	12.71	10.074	53.65	8.804	90.93	6.936	122.01	4.594	144.78	1.939	157.68	18
19	10.652	13.41	10.058	54.31	8.778	91.51	6.900	122.47	4.552	145.08	1.893	157.81	19
20	10.648	14.11	10.042	54.97	8.751	92.08	6.864	122.92	4.510	145.38	1.847	157.93	20
21	10.644	14.81	10.026	55.62	8.724	92.64	6.828	123.36	4.467	145.67	1.801	158.05	21
22	10.640	15.50	10.009	56.28	8.697	93.22	6.793	123.81	4.425	145.96	1.755	158.17	22
23	10.635	16.20	9.993	56.93	8.670	93.79	6.756	124.25	4.382	146.25	1.709	158.28	23
24	10.630	16.89	9.976	57.59	8.643	94.36	6.720	124.69	4.340	146.54	1.663	158.39	24
25	10.625	17.59	9.960	58.24	8.615	94.92	6.684	125.13	4.297	146.82	1.617	158.50	25
26	10.620	18.28	9.943	58.89	8.588	95.48	6.647	125.57	4.254	147.10	1.571	158.60	26
27	10.614	18.98	9.925	59.54	8.560	96.04	6.611	126.00	4.211	147.37	1.525	158.70	27
28	10.609	19.67	9.908	60.19	8.532	96.60	6.574	126.44	4.169	147.65	1.479	158.80	28
29	10.603	20.37	9.890	60.84	8.503	97.16	6.537	126.87	4.126	147.92	1.433	158.90	29
30	10.597	21.06	9.872	61.49	8.475	97.72	6.500	127.29	4.082	148.19	1.386	158.99	30
31	10.591	21.76	9.854	62.13	8.447	98.27	6.463	127.72	4.039	148.46	1.340	159.08	31
32	10.584	22.45	9.836	62.78	8.418	98.82	6.426	128.14	3.996	148.72	1.294	159.17	32
33	10.577	23.14	9.818	63.42	8.389	99.37	6.389	128.56	3.953	148.98	1.248	159.25	33
34	10.571	23.83	9.799	64.06	8.360	99.92	6.351	128.97	3.909	149.24	1.201	159.33	34
35	10.564	24.52	9.781	64.70	8.331	100.47	6.314	129.39	3.866	149.49	1.155	159.41	35
36	10.557	25.22	9.762	65.34	8.302	101.01	6.277	129.80	3.822	149.74	1.109	159.48	36
37	10.549	25.91	9.743	65.98	8.272	101.55	6.238	130.21	3.779	149.99	1.062	159.55	37
38	10.542	26.60	9.723	66.62	8.243	102.09	6.200	130.62	3.735	150.24	1.016	159.62	38
39	10.534	27.29	9.704	67.25	8.213	102.63	6.162	131.02	3.691	150.48	0.969	159.68	39
40	10.526	27.98	9.684	67.89	8.183	103.17	6.124	131.42	3.648	150.72	0.923	159.74	40
41	10.517	28.66	9.665	68.52	8.153	103.70	6.086	131.82	3.604	150.96	0.876	159.80	41
42	10.509	29.35	9.644	69.15	8.123	104.23	6.047	132.22	3.560	151.19	0.830	159.86	42
43	10.500	30.04	9.624	69.78	8.092	104.77	6.009	132.61	3.516	151.42	0.783	159.91	43
44	10.491	30.73	9.604	70.41	8.062	105.30	5.970	133.01	3.472	151.65	0.737	159.96	44
45	10.482	31.41	9.583	71.04	8.031	105.83	5.931	133.40	3.428	151.88	0.690	160.01	45
46	10.473	32.10	9.562	71.67	8.000	106.35	5.893	133.78	3.383	152.10	0.644	160.05	46
47	10.464	32.78	9.541	72.29	7.969	106.87	5.854	134.17	3.339	152.32	0.597	160.09	47
48	10.454	33.47	9.520	72.91	7.938	107.39	5.814	134.55	3.295	152.54	0.551	160.13	48
49	10.444	34.15	9.499	73.54	7.907	107.91	5.775	134.93	3.250	152.75	0.504	160.17	49
50	10.434	34.84	9.478	74.16	7.875	108.43	5.736	135.31	3.206	152.96	0.457	160.20	50
51	10.424	35.52	9.456	74.78	7.844	108.94	5.697	135.68	3.161	153.17	0.411	160.23	51
52	10.414	36.20	9.434	75.40	7.812	109.45	5.657	136.05	3.117	153.38	0.364	160.25	52
53	10.403	36.88	9.412	76.01	7.780	109.96	5.617	136.42	3.072	153.58	0.318	160.27	53
54	10.392	37.56	9.390	76.63	7.748	110.47	5.578	136.79	3.027	153.78	0.271	160.29	54
55	10.381	38.24	9.367	77.24	7.716	110.98	5.538	137.15	2.983	153.98	0.224	160.31	55
56	10.370	38.92	9.345	77.85	7.683	111.48	5.498	137.51	2.938	154.17	0.178	160.32	56
57	10.358	39.60	9.322	78.46	7.651	111.98	5.458	137.87	2.893	154.36	0.131	160.33	57
58	10.347	40.28	9.299	79.07	7.618	112.48	5.418	138.23	2.848	154.55	0.084	160.34	58
59	10.335	40.95	9.276	79.68	7.585	112.98	5.377	138.58	2.803	154.73	0.038	160.34	59
60	10.323	41.63	9.253	80.29	7.552	113.48	5.337	138.93	2.758	154.91	—	160.34	60

Reduktionsgrößen 1942

Übertragung von Sternörtern vom mittleren Äquinoktium 1942.0 auf das Normaläquinoktium 1950.0

α	B	α	α	B	α
h m	s	h m	h m	s	h m
0 0	+24.586	12 0	6 0	+24.586	18 0
10	24.585	10	10	24.586	10
20	24.585	20	20	24.586	20
30	24.585	30	30	24.586	30
40	24.585	40	40	24.586	40
50	24.585	50	50	24.587	50
1 0	+24.585	13 0	7 0	+24.587	19 0
10	24.584	10	10	24.587	10
20	24.584	20	20	24.587	20
30	24.584	30	30	24.587	30
40	24.584	40	40	24.587	40
50	24.584	50	50	24.587	50
2 0	+24.584	14 0	8 0	+24.587	20 0
10	24.584	10	10	24.588	10
20	24.584	20	20	24.588	20
30	24.584	30	30	24.588	30
40	24.584	40	40	24.588	40
50	24.584	50	50	24.588	50
3 0	+24.584	15 0	9 0	+24.588	21 0
10	24.584	10	10	24.588	10
20	24.584	20	20	24.588	20
30	24.584	30	30	24.588	30
40	24.584	40	40	24.588	40
50	24.584	50	50	24.588	50
4 0	+24.584	16 0	10 0	+24.587	22 0
10	24.584	10	10	24.587	10
20	24.584	20	20	24.587	20
30	24.584	30	30	24.587	30
40	24.584	40	40	24.587	40
50	24.584	50	50	24.587	50
5 0	+24.585	17 0	11 0	+24.587	23 0
10	24.585	10	10	24.587	10
20	24.585	20	20	24.586	20
30	24.585	30	30	24.586	30
40	24.585	40	40	24.586	40
50	24.585	50	50	24.586	50
6 0	+24.586	18 0	12 0	+24.586	24 0

C	ΔC	P	C	ΔC	P
s	s		s	s	
0	e 0.000	e 0.0000	350	e 0.076	e 0.1909
10	000	0055	360	082	1963
20	000	0109	370	089	2018
30	000	0164	380	097	2072
40	000	0218	390	104	2127
50	e 0.000	e 0.0273	400	e 0.113	e 0.2181
60	000	0327	410	121	2236
70	001	0382	420	131	2290
80	001	0436	430	140	2345
90	001	0491	440	150	2399
100	e 0.002	e 0.0545	450	e 0.161	e 0.2454
110	002	0600	460	172	2508
120	003	0654	470	183	2563
130	004	0709	480	195	2617
140	005	0764	490	207	2672
150	e 0.006	e 0.0818	500	e 0.220	e 0.2726
160	007	0873	510	234	2781
170	009	0927	520	248	2835
180	010	0982	530	262	2890
190	012	1036	540	277	2944
200	e 0.014	e 0.1091	550	e 0.293	e 0.2999
210	016	1145	560	309	3053
220	019	1200	570	326	3107
230	022	1254	580	344	3162
240	025	1309	590	362	3216
250	e 0.028	e 0.1363	600	e 0.380	e 0.3271
260	031	1418	610	400	3325
270	035	1473	620	420	3380
280	039	1527	630	440	3434
290	043	1582	640	462	3489
300	e 0.048	e 0.1636	650	e 0.484	e 0.3543
310	053	1691	660	506	3598
320	058	1745	670	529	3652
330	063	1800	680	553	3707
340	069	1854	690	578	3761
350	e 0.076	e 0.1909	700	e 0.604	e 0.3815

e bedeutet: Vorzeichen entgegengesetzt dem Vorzeichen des Arguments.

$$\alpha_{1950} = \alpha_{1942} + B + C + \Delta C, \text{ wobei } C = A.\ \mathrm{tg}\,(\delta_{1942} + D)$$
$$\delta_{1950} = \delta_{1942} + D + R, \text{ wobei } R = A.\ P$$

A und *D* sind aus der Tafel S. 274* u. 275* mit dem Argument α_{1942} zu entnehmen. Für die Werte von α zwischen 0^h und 12^h gelten die Vorzeichen zur Linken, für die Werte von α zwischen 12^h und 24^h die Vorzeichen zur Rechten. *B*, Δ*C* und *P* sind in der obenstehenden Tafel enthalten. Die Vorzeichen von Δ*C* und *P* sind dem Vorzeichen von *C* entgegengesetzt.

Finsternisse, Sternbedeckungen, Mösting A, Trabanten

Konstellationen, Hilfstafeln

1942

Im Jahre 1942 finden drei Sonnenfinsternisse und zwei Mondfinsternisse statt.

I. Totale Mondfinsternis 1942 März 2—3 sichtbar in Berlin.

Opposition in Rektaszension . . . . März 3, $0^h\,26^m\,36^s.4$ Welt-Zeit

Rektaszension des Mondes	$10^h\,52^m\,51^s.25$
Stündliche Änderung	2 10.14
Rektaszension der Sonne	22 52 51.25
Stündliche Änderung	9.34
Deklination des Mondes	$+ 6^\circ\,59'\,0''.7$
Stündliche Änderung	− 9 56.3
Deklination der Sonne	− 7 8 19.5
Stündliche Änderung	+ 57.3
Äquatorialhorizontalparallaxe des Mondes .	$57'\,40''.3$
„ der Sonne . .	8.9
Halbmesser des Mondes	$15'\,42''.1$
„ der Sonne	16 8.0

Eintritt des Mondes in den Halbschatten .	März 2,	$21^h\,27^m.7$	Welt-Zeit
Eintritt des Mondes in den Kernschatten .	„	22 31.4	„
Anfang der totalen Verfinsterung	„	23 33.2	„
Mitte der Finsternis	März 3,	0 21.5	„
Ende der totalen Verfinsterung	„	1 9.8	„
Austritt des Mondes aus dem Kernschatten	„	2 11.6	„
Austritt des Mondes aus dem Halbschatten	„	3 15.1	„

Der Mond steht zu den Zeiten der ersten und letzten Berührung mit dem Kernschatten im Zenit der Orte, deren geographische Lage ist:

335° 45′ westliche Länge von Greenwich, 7° 18′ nördliche Breite
28 58 „ „ „ „ 6 42 „ „

Positionswinkel des Eintritts . . . . = 98°
„ „ Austritts . . . . = 296°
Größe der Finsternis in Einheiten des Monddurchmessers . . = 1.567

Der Anfang der Finsternis ist sichtbar in Asien mit Ausnahme des östlichsten Teiles, im Indischen Ozean, in Afrika, in Europa, im Nördlichen Eismeer, im Atlantischen Ozean und im Osten Südamerikas. Das Ende ist sichtbar in Afrika, in Arabien und im westlichsten Teil Asiens, in Europa, im Nördlichen Eismeer, in Grönland, im Atlantischen Ozean, im Osten Nordamerikas, in Mittelamerika, in Südamerika und im südöstlichen Teil des Stillen Ozeans.

II. Partielle Sonnenfinsternis 1942 März 16—17
unsichtbar in Berlin.

Konjunktion in Rektaszension . . . . . März 16, 22h 53m 49s.4 Welt-Zeit

	h m s
Rektaszension des Mondes	23 44 17.50
Stündliche Änderung	2 4.30
Rektaszension der Sonne	23 44 17.50
Stündliche Änderung	9.14

	° ′ ″
Deklination des Mondes	— 2 52 48.0
Stündliche Änderung	+ 10 13.4
Deklination der Sonne	— 1 42 4.4
Stündliche Änderung	+ 59.3

	′ ″
Äquatorialhorizontalparallaxe des Mondes. .	56 42.3
„ der Sonne . .	8.8

	′ ″
Halbmesser des Mondes	15 26.3
„ der Sonne	16 4.3

	Welt-Zeit h m	Westl. Länge v. Greenwich ° ′	Geogr. Breite ° ′
Beginn der Finsternis	März 16, 21 44.4	238 9	−67 51
Größte Phase	„ 16, 23 36.6	76 41	−72 18
Ende der Finsternis	März 17, 1 29.4	109 7	−32 19

Größte Phase der Finsternis in Einheiten des Sonnendurchmessers = 0.639

Die Finsternis ist sichtbar im Südlichen Eismeer, im südlichsten Teil des Indischen Ozeans und im südlichen Teil des Stillen Ozeans.

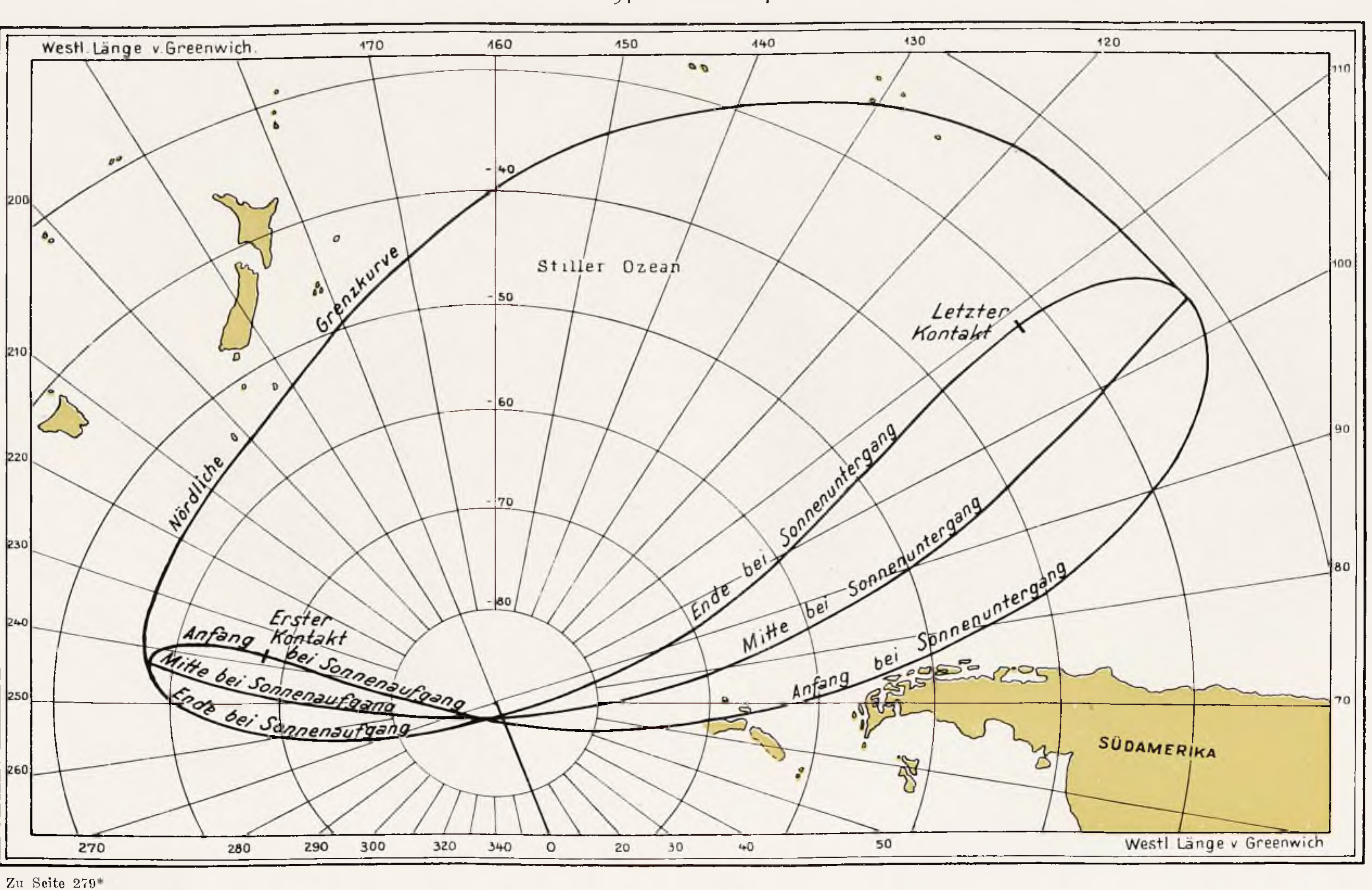
Elemente der partiellen Sonnenfinsternis 1942 März 16—17

Welt-Zeit	x	y	log sin d	log cos d	μ	$l^{(a)}$
h m					° ′ ″	
21 40	−0.625566	−1.450662	8.476813n	9.999805	142 48 46.4	+0.556947
50	0.540826	1.423561	8.476136n	9.999806	145 18 49.0	0.556973
22 0	−0.456087	−1.396457	8.475458n	9.999806	147 48 51.5	+0.556998
10	0.371348	1.369349	8.474778n	9.999807	150 18 54.0	0.557022
20	0.286609	1.342237	8.474098n	9.999807	152 48 56.6	0.557046
30	0.201871	1.315122	8.473417n	9.999808	155 18 59.1	0.557069
40	0.117133	1.288004	8.472735n	9.999808	157 49 1.6	0.557092
50	−0.032396	1.260882	8.472051n	9.999809	160 19 4.2	0.557114
23 0	+0.052340	−1.233757	8.471366n	9.999809	162 49 6.7	+0.557136
10	0.137075	1.206629	8.470680n	9.999810	165 19 9.2	0.557157
20	0.221808	1.179498	8.469993n	9.999811	167 49 11.8	0.557177
30	0.306540	1.152364	8.469305n	9.999811	170 19 14.3	0.557197
40	0.391270	1.125227	8.468616n	9.999812	172 49 16.8	0.557216
50	0.475998	1.098086	8.467926n	9.999813	175 19 19.4	0.557234
0 0	+0.560723	−1.070942	8.467235n	9.999813	177 49 21.9	+0.557252
10	0.645446	1.043796	8.466543n	9.999814	180 19 24.4	0.557269
20	0.730167	1.016647	8.465850n	9.999814	182 49 27.0	0.557286
30	0.814885	0.989495	8.465155n	9.999815	185 19 29.5	0.557302
40	0.899600	0.962341	8.464459n	9.999816	187 49 32.0	0.557318
50	0.984312	0.935184	8.463762n	9.999816	190 19 34.6	0.557333
1 0	+1.069021	−0.908024	8.463064n	9.999817	192 49 37.1	+0.557347
10	1.153726	0.880862	8.462365n	9.999817	195 19 39.6	0.557361
20	1.238427	0.853697	8.461665n	9.999818	197 49 42.2	0.557374
30	+1.323125	−0.826530	8.460963n	9.999819	200 19 44.7	+0.557386

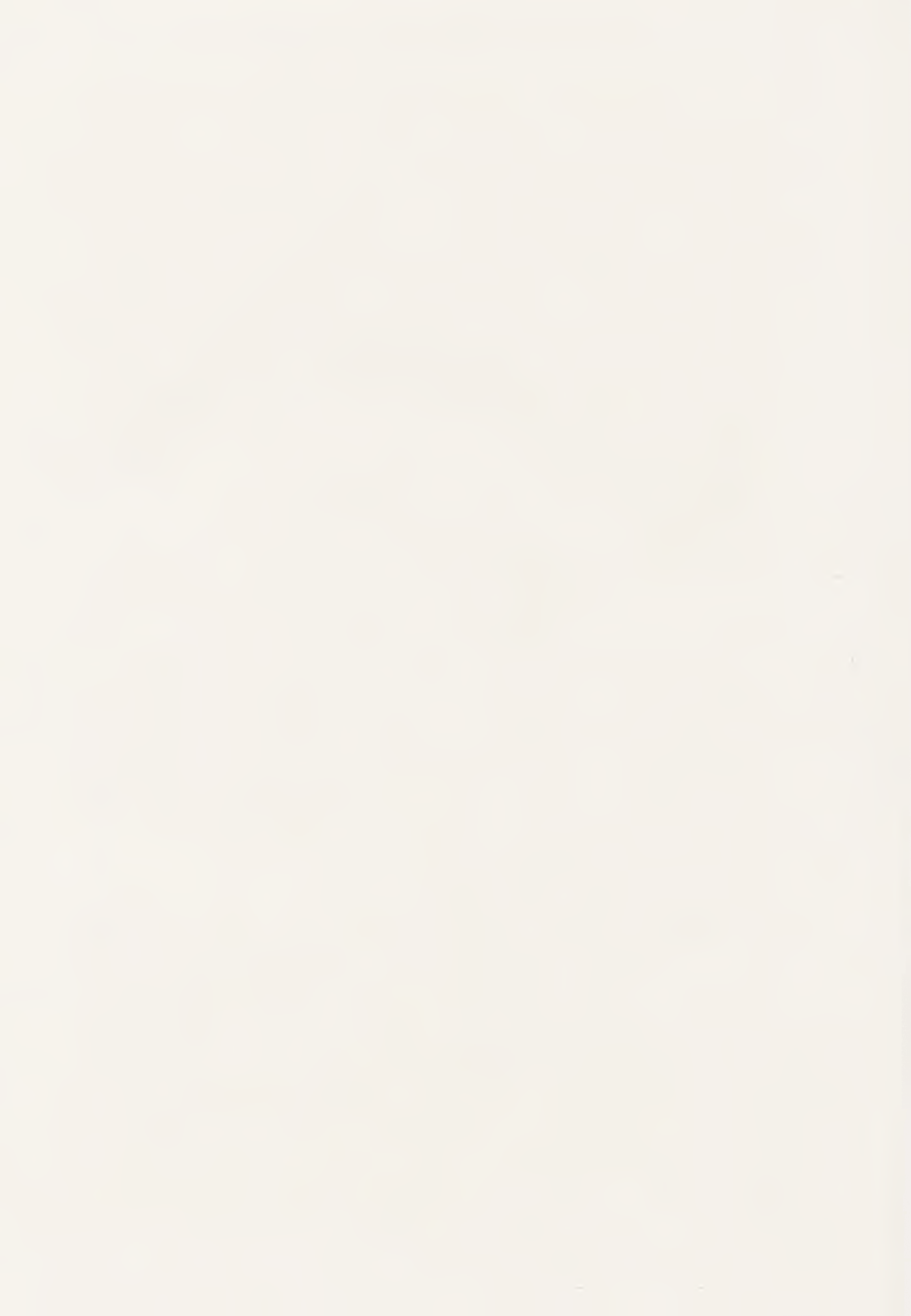
Welt-Zeit	x'	y'	log tang $f^{(a)}$
h m			
21 0	+0.0084736	+0.0027084	7.67203
22 0	0.0084739	0.0027106	7.67203
23 0	0.0084735	0.0027127	7.67202
0 0	0.0084724	0.0027145	7.67202
1 0	0.0084707	0.0027161	7.67202
2 0	+0.0084681	+0.0027176	7.67201

Partielle Sonnenfinsternis

1942 März 16—17

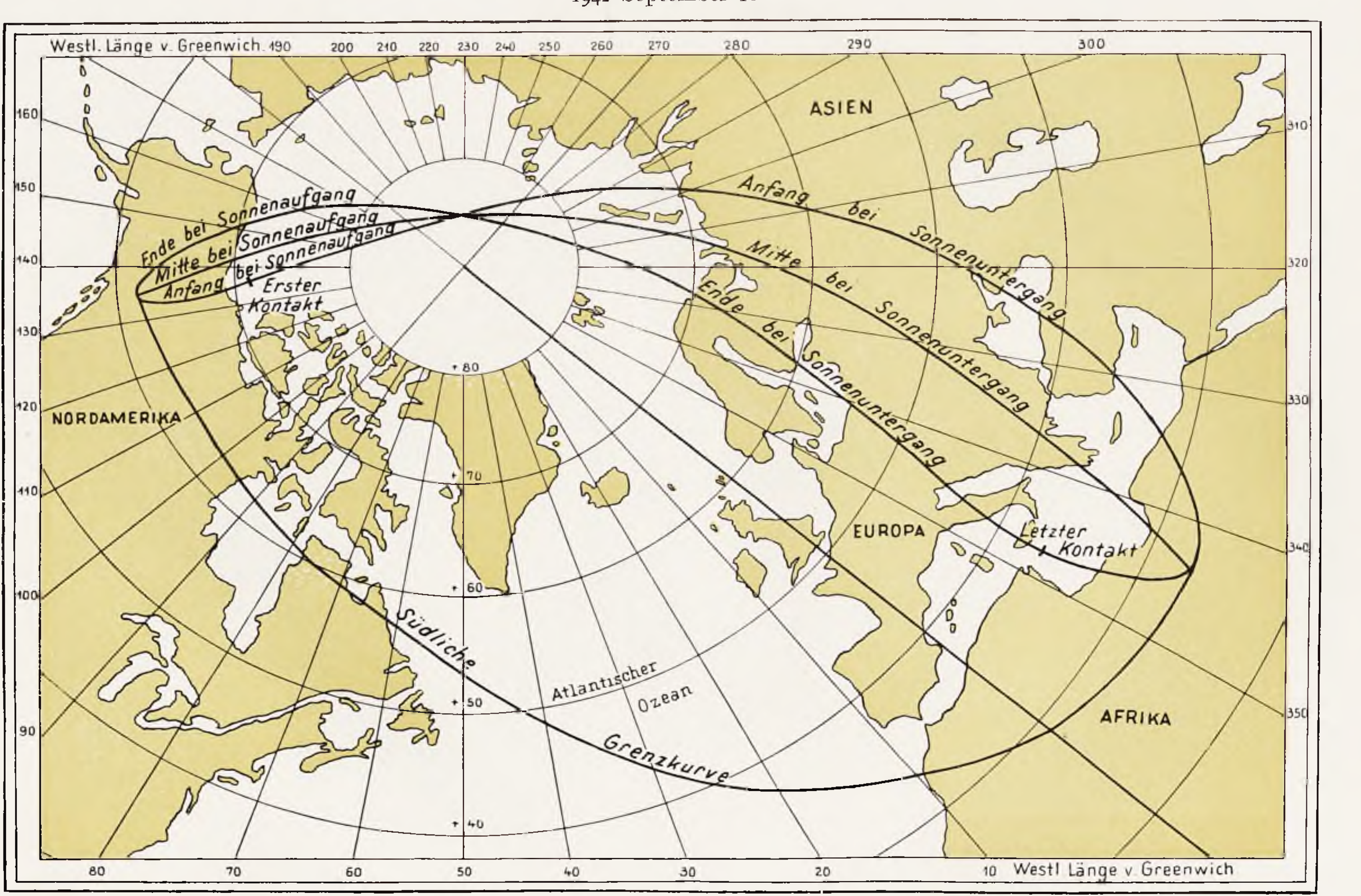


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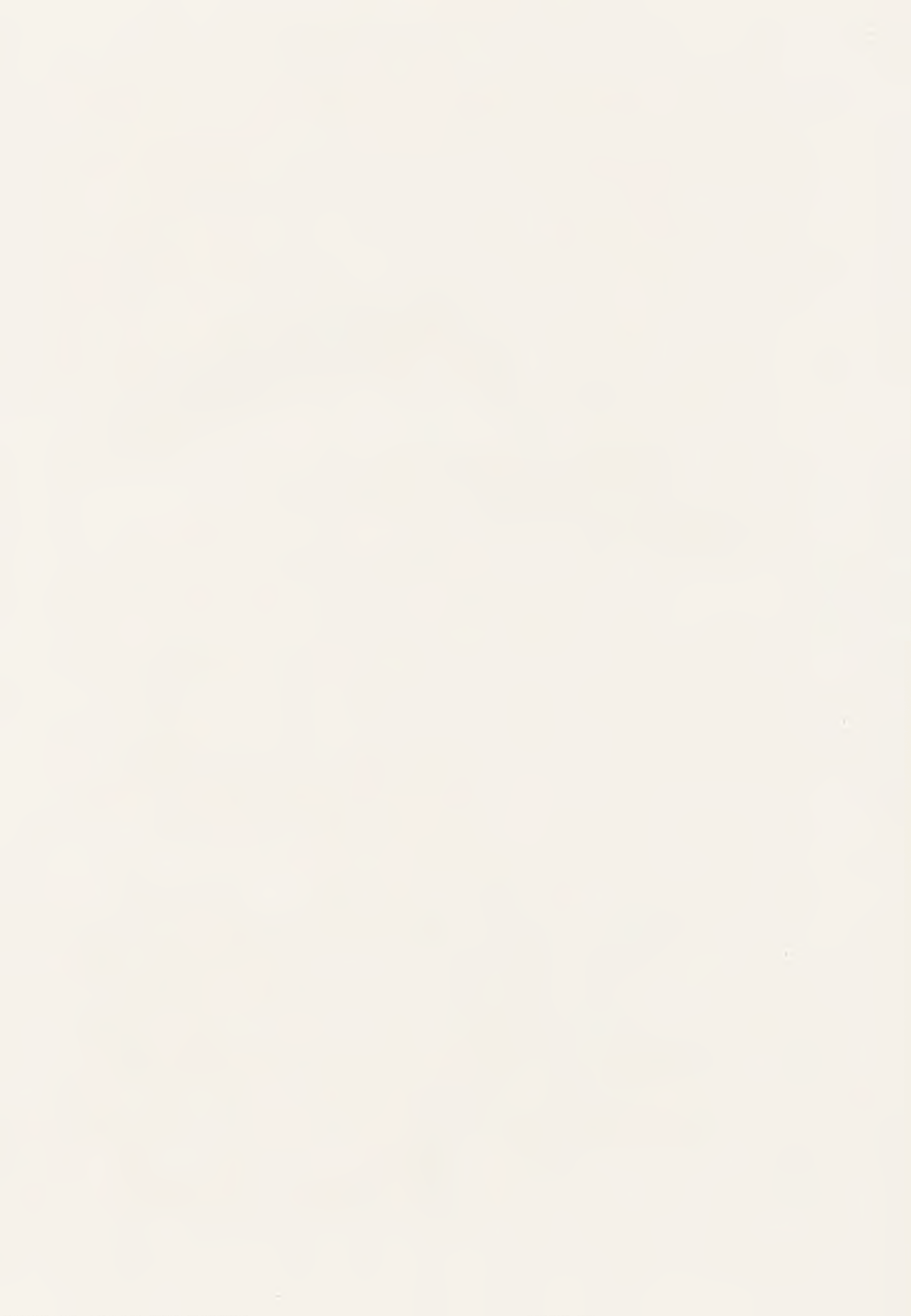


Partielle Sonnenfinsternis

1942 September 10



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III. Partielle Sonnenfinsternis 1942 August 12 unsichtbar in Berlin

Konjunktion in Rektaszension	Aug. 12,	3h 23m 51s.3 Welt-Zeit

Rektaszension des Mondes	9h 24m 53s.72
Stündliche Änderung	2 4.52
Rektaszension der Sonne	9 24 53.72
Stündliche Änderung	9.46
Deklination des Mondes	+13° 45′ 35″.9
Stündliche Änderung	— 6 58.5
Deklination der Sonne	+15 11 40.3
Stündliche Änderung	— 44.7
Äquatorialhorizontalparallaxe des Mondes	55′ 15″.4
" der Sonne.	8.7
Halbmesser des Mondes	15′ 2″.7
" der Sonne.	15 47.0

	Welt-Zeit	Westl. Länge v. Greenwich	Geogr. Breite
Beginn der Finsternis	Aug. 12, 2h 8m.4	270° 21′	−61° 48′
Größte Phase.	" 2 44.8	259 57	−70 28
Ende der Finsternis	" 3 20.8	232 32	−74 46

Größte Phase der Finsternis in Einheiten des Sonnendurchmessers = 0.055

Die Finsternis ist nur in einem kleinen Gebiet im Südlichen Eismeer sichtbar.

Elemente der partiellen Sonnenfinsternis 1942 August 12

Welt-Zeit	x	y	log sin d	log cos d	μ	$l^{(a)}$
2h 0m	−0.708526	−1.404481	9.419039	9.984503	208° 43′ 24″.2	+0.559437
10	0.624031	1.423222	9.418983	9.984507	211 13 26.0	0.559424
20	0.539537	1.441964	9.418927	9.984512	213 43 27.7	0.559411
30	0.455042	1.460708	9.418870	9.984516	216 13 29.5	0.559397
40	0.370547	1.479454	9.418814	9.984520	218 43 31.2	0.559383
50	0.286053	1.498202	9.418758	9.984524	221 13 33.0	0.559368
3 0	−0.201558	−1.516951	9.418701	9.984528	223 43 34.7	+0.559352
10	0.117063	1.535702	9.418645	9.984533	226 13 36.5	0.559336
20	−0.032569	1.554455	9.418589	9.984537	228 43 38.3	0.559319
30	+0.051926	−1.573210	9.418532	9.984541	231 13 40.0	+0.559301

Welt-Zeit	x'	y'	log tang $f^{(a)}$
2h 0m	+0.0084495	−0.0018740	7.66416
3 0	0.0084495	0.0018750	7.66416
4 0	+0.0084494	−0.0018760	7.66416

IV. Totale Mondfinsternis 1942 August 26 sichtbar in Berlin.

		h	m	s	
Opposition in Rektaszension	Aug. 26,	3	53	19.1	Welt-Zeit

	h	m	s
Rektaszension des Mondes	22	17	4.47
Stündliche Änderung		2	19.66
Rektaszension der Sonne	10	17	4.47
Stündliche Änderung			9.16

	°	′	″
Deklination des Mondes	−10	28	35.1
Stündliche Änderung	+	9	39.8
Deklination der Sonne	+10	39	45.2
Stündliche Änderung	−		51.9

	′	″
Äquatorialhorizontalparallaxe des Mondes	59	17.3
„ der Sonne		8.7

	′	″
Halbmesser des Mondes	16	8.5
„ der Sonne	15	49.7

		h	m	
Eintritt des Mondes in den Halbschatten . .	Aug. 26,	1	1.7	Welt-Zeit
Eintritt des Mondes in den Kernschatten .	„	2	0.5	„
Anfang der totalen Verfinsterung	„	3	0.9	„
Mitte der Finsternis	„	3	48.0	„
Ende der totalen Verfinsterung	„	4	35.1	„
Austritt des Mondes aus dem Kernschatten	„	5	35.4	„
Austritt des Mondes aus dem Halbschatten	„	6	34.4	„

Der Mond steht zu den Zeiten der ersten und letzten Berührung mit dem Kernschatten im Zenit der Orte, deren geographische Lage ist:

30° 39′ westliche Länge von Greenwich, 10° 47′ südliche Breite
82 26 „ „ „ „ 10 12 „ „

Positionswinkel des Eintritts . . . . = 85°
„ „ Austritts . . . . =244

Größe der Finsternis in Einheiten des Monddurchmessers . . =1.541

Der Anfang der Finsternis ist sichtbar in Afrika, in Arabien und Kleinasien, in Europa, in Grönland, im Atlantischen Ozean, im Südlichen Eismeer, in Südamerika, im südöstlichen Teil des Stillen Ozeans, in Mittelamerika und im östlichen Teil von Nordamerika. Das Ende ist sichtbar im westlichsten Teil Afrikas, im Atlantischen Ozean, im Südlichen Eismeer, in Südamerika, im Stillen Ozean, in Mittelamerika und in Nordamerika.

V. Partielle Sonnenfinsternis 1942 September 10 sichtbar in Berlin.

Konjunktion in Rektaszension . . . . . Sept. 10, $14^h 54^m 47^s.8$ Welt-Zeit

Rektaszension des Mondes	$11^h 13^m 7^s.62$
Stündliche Änderung	2 4.98
Rektaszension der Sonne	11 13 7.62
Stündliche Änderung	8.99
Deklination des Mondes	$+6° 16' 27''.7$
Stündliche Änderung	− 9 57.9
Deklination der Sonne	+ 5 2 0.4
Stündliche Änderung	− 56.8
Äquatorialhorizontalparallaxe des Mondes .	$56' 39''.6$
„ der Sonne . .	8.7
Halbmesser des Mondes	$15' 25''.6$
„ der Sonne	15 53.1

	Welt-Zeit	Westl. Länge v. Greenwich	Geogr. Breite
	h m	° ′	° ′
Beginn der Finsternis	Sept. 10, 13 57.1	134 51	+71 1
Größte Phase	„ 15 39.1	309 49	+72 0
Ende der Finsternis	„ 17 21.4	347 22	+36 37

Größte Phase der Finsternis in Einheiten des Sonnendurchmessers = 0.523

Die Finsternis ist sichtbar im nördlichsten Teil von Nordamerika mit Ausnahme von Alaska, im nördlichen Teil des Atlantischen Ozeans, im Nördlichen Eismeer, in Grönland, in Europa, in Kleinasien, im Mittelländischen Meer mit Ausnahme des östlichen Teiles und an der Nordküste Afrikas.

Sonnenfinsternis 1942 September 10

Geographische Breite	Anfang der Finsternis									Größte Phase					Geographische Breite
	Östliche Länge von Greenwich									Östl. Länge von Greenwich					
	20^m	30^m	40^m	50^m	60^m	70^m	80^m	90^m	100^m	20^m	30^m	40^m	50^m	60^m	
	Welt-Zeit									Welt-Zeit					
	15^h	15^h	15^h	15^h	15^h	15^h	15^h	15^h	15^h	16^h	16^h	16^h	16^h	16^h	
°	m	m	m	m	m	m	m	m	m	m	m	m	m	m	°
44	47.4	47.9	48.3	48.6	48.9	49.1	49.2	49.2	49.1	33.6	34.1	34.4	34.6	34.7	44
45	44.4	45.0	45.4	45.8	46.1	46.3	46.5	46.5	46.5	31.7	32.2	32.6	32.8	32.9	45
46	41.5	42.1	42.6	43.0	43.4	43.6	43.8	43.9	43.9	29.8	30.3	30.7	31.0	31.1	46
47	38.6	39.2	39.8	40.3	40.7	41.0	41.2	41.3	41.4	27.8	28.4	28.8	29.1	29.3	47
48	35.7	36.4	37.0	37.5	38.0	38.3	38.6	38.8	38.9	25.9	26.5	26.9	27.2	27.4	48
49	32.9	33.6	34.3	34.8	35.3	35.7	36.0	36.2	36.4	23.9	24.5	25.0	25.3	25.6	49
50	30.1	30.9	31.6	32.2	32.7	33.1	33.5	33.7	33.9	21.9	22.6	23.1	23.4	23.7	50
51	27.4	28.2	28.9	29.6	30.1	30.6	31.0	31.2	31.4	20.0	20.6	21.1	21.5	21.8	51
52	24.7	25.6	26.3	27.0	27.6	28.1	28.5	28.8	29.0	18.0	18.6	19.2	19.6	19.9	52
53	22.1	23.0	23.7	24.4	25.1	25.6	26.0	26.3	26.6	16.0	16.7	17.2	17.7	18.0	53
54	19.5	20.4	21.2	21.9	22.6	23.1	23.5	23.9	24.2	14.0	14.7	15.3	15.7	16.0	54
55	17.0	17.9	18.7	19.4	20.1	20.7	21.1	21.5	21.8	12.0	12.7	13.3	13.7	14.1	55
56	14.5	15.4	16.2	17.0	17.7	18.3	18.7	19.1	19.5	10.0	10.7	11.3	11.7	12.1	56
57	12.1	13.0	13.8	14.6	15.3	15.9	16.4	16.8	17.2	7.9	8.7	9.3	9.7	10.1	57
58	9.7	10.6	11.4	12.2	12.9	13.5	14.0	14.5	14.9	5.9	6.6	7.2	7.7	8.1	58
59	7.3	8.2	9.1	9.9	10.6	11.2	11.7	12.2	12.6	3.8	4.6	5.2	5.7	6.1	59
60	5.0	5.9	6.8	7.6	8.3	8.9	9.5	9.9	10.3	1.8	2.5	3.2	3.7	4.1	60

Geographische Breite	Winkel P									Betrag der größten Phase					Geographische Breite
°	°	°	°	°	°	°	°	°	°						°
44	339.6	338.5	337.4	336.4	335.5	334.7	334.0	333.3	332.7	0.26	0.27	0.27	0.28	0.29	44
46	337.4	336.3	335.3	334.3	333.4	332.6	331.9	331.3	330.7	0.28	0.29	0.30	0.31	0.32	46
48	335.3	334.3	333.3	332.4	331.5	330.7	330.0	329.4	328.8	0.31	0.32	0.33	0.33	0.34	48
50	333.4	332.4	331.4	330.6	329.7	329.0	328.3	327.7	327.1	0.33	0.34	0.35	0.36	0.36	50
52	331.6	330.7	329.7	328.9	328.1	327.4	326.7	326.1	325.6	0.35	0.36	0.37	0.38	0.38	52
54	330.0	329.1	328.2	327.4	326.7	326.0	325.3	324.7	324.2	0.37	0.38	0.39	0.40	0.40	54
56	328.5	327.7	326.8	326.1	325.4	324.7	324.0	323.5	322.9	0.39	0.40	0.41	0.41	0.42	56
58	327.2	326.4	325.6	324.9	324.2	323.5	322.9	322.4	321.9	0.41	0.41	0.42	0.43	0.44	58
60	326.1	325.3	324.6	323.9	323.2	322.6	322.0	321.5	321.0	0.42	0.43	0.44	0.44	0.45	60

Geographische Breite	Winkel Q														Geographische Breite
°	°	°	°	°	°	°	°	°	°						°
44	295.5	293.8	292.3	290.9	289.7	288.7	287.7	286.9	286.3	.	.	.	.	.	44
46	295.7	294.0	292.5	291.1	289.9	288.8	287.8	287.0	286.3	.	.	.	.	.	46
48	296.0	294.4	292.8	291.4	290.2	289.1	288.1	287.2	286.5	.	.	.	.	.	48
50	296.5	294.9	293.3	291.9	290.6	289.5	288.5	287.6	286.9	.	.	.	.	.	50
52	297.1	295.5	293.9	292.5	291.2	290.1	289.1	288.2	287.5	.	.	.	.	.	52
54	297.8	296.2	294.7	293.3	292.0	290.9	289.9	289.0	288.2	.	.	.	.	.	54
56	298.6	297.0	295.6	294.2	292.9	291.8	290.8	289.9	289.1	.	.	.	.	.	56
58	299.6	298.0	296.6	295.2	294.0	292.9	291.9	291.0	290.2	.	.	.	.	.	58
60	300.7	299.2	297.7	296.4	295.2	294.1	293.1	292.2	291.4	.	.	.	.	.	60

Sonnen- und Mondfinsternisse 1942

Sonnenfinsternis 1942 September 10

Geographische Breite	Größte Phase					Ende der Finsternis									Geographische Breite
	Östl. Länge von Greenwich					Östliche Länge von Greenwich									
	60m	70m	80m	90m	100m	20m	30m	40m	50m	60m	70m	80m	90m	100m	
	Welt-Zeit					Welt-Zeit									
	16h	16h	16h	16h	16h	16h	16h	16h	16h	16h	16h	16h	16h	16h	
44°	34.7m	34.7m	34.5m	34.1m	33.6m	77.0m	77.5m	77.8m	77.9m	77.9m	.	.	.	.	44°
45	32.9	32.9	32.7	32.4	32.0	76.1	76.6	76.9	77.0	76.9	.	.	.	.	45
46	31.1	31.1	31.0	30.7	30.3	75.1	75.6	75.9	76.0	76.0	.	.	.	.	46
47	29.3	29.3	29.2	28.9	28.6	74.0	74.5	74.8	75.0	75.0	.	.	.	.	47
48	27.4	27.5	27.4	27.2	26.8	72.9	73.4	73.7	73.9	73.9	73.7m	.	.	.	48
49	25.6	25.6	25.6	25.4	25.1	71.8	72.3	72.6	72.8	72.8	72.6	.	.	.	49
50	23.7	23.8	23.8	23.6	23.3	70.6	71.1	71.4	71.6	71.6	71.4	.	.	.	50
51	21.8	21.9	21.9	21.8	21.5	69.3	69.8	70.2	70.3	70.4	70.2	.	.	.	51
52	19.9	20.0	20.1	20.0	19.7	68.0	68.5	68.9	69.0	69.1	68.9	68.7m	.	.	52
53	18.0	18.1	18.2	18.1	17.9	66.7	67.2	67.5	67.7	67.8	67.6	67.4	.	.	53
54	16.0	16.2	16.3	16.3	16.1	65.3	65.8	66.1	66.3	66.4	66.3	66.0	.	.	54
55	14.1	14.3	14.4	14.4	14.2	63.8	64.3	64.6	64.9	64.9	64.9	64.6	.	.	55
56	12.1	12.4	12.5	12.5	12.4	62.3	62.8	63.1	63.4	63.4	63.4	63.2	62.9m	.	56
57	10.1	10.4	10.5	10.6	10.5	60.7	61.2	61.6	61.8	61.9	61.9	61.7	61.4	.	57
58	8.1	8.4	8.6	8.6	8.6	59.1	59.6	60.0	60.2	60.3	60.3	60.2	59.9	.	58
59	6.1	6.4	6.6	6.7	6.6	57.4	57.9	58.3	58.5	58.7	58.7	58.6	58.3	.	59
60	4.1	4.4	4.6	4.7	4.7	55.6	56.2	56.6	56.8	57.0	57.0	56.9	56.7	56.3m	60

Geographische Breite	Betrag der größten Phase					Winkel P									Geographische Breite
44°	0.29	0.29	0.30	0.30	0.31	62.6°	63.1°	63.5°	63.9°	64.2°	.	.	.	.	44°
46	0.32	0.32	0.33	0.33	0.34	64.8	65.3	65.7	66.0	66.3	.	.	.	.	46
48	0.34	0.35	0.35	0.36	0.36	66.8	67.2	67.6	68.0	68.3	68.5°	.	.	.	48
50	0.36	0.37	0.38	0.38	0.38	68.6	69.0	69.4	69.8	70.0	70.2	.	.	.	50
52	0.38	0.39	0.40	0.40	0.40	70.2	70.7	71.0	71.4	71.6	71.8	72.0°	.	.	52
54	0.40	0.41	0.42	0.42	0.42	71.7	72.1	72.5	72.8	73.0	73.2	73.4	.	.	54
56	0.42	0.43	0.43	0.44	0.44	73.0	73.4	73.7	74.0	74.3	74.5	74.6	74.8°	.	56
58	0.44	0.44	0.45	0.45	0.46	74.1	74.4	74.8	75.1	75.3	75.5	75.7	75.8	.	58
60	0.45	0.46	0.46	0.47	0.47	75.0	75.3	75.7	76.0	76.2	76.4	76.6	76.7	76.8°	60

Geographische Breite						Winkel Q									Geographische Breite
44°	.	.	.	.	.	16.2°	16.7°	17.3°	17.8°	18.3°	.	.	.	.	44°
46	.	.	.	.	.	20.4	20.9	21.4	21.9	22.3	.	.	.	.	46
48	.	.	.	.	.	24.4	24.9	25.3	25.8	26.2	26.6°	.	.	.	48
50	.	.	.	.	.	28.3	28.7	29.1	29.5	29.9	30.3	.	.	.	50
52	.	.	.	.	.	31.9	32.3	32.7	33.1	33.5	33.9	34.2°	.	.	52
54	.	.	.	.	.	35.4	35.8	36.1	36.5	36.9	37.2	37.6	.	.	54
56	.	.	.	.	.	38.8	39.1	39.4	39.7	40.1	40.4	40.7	41.1°	.	56
58	.	.	.	.	.	41.9	42.2	42.5	42.8	43.1	43.4	43.7	44.0	.	58
60	.	.	.	.	.	44.9	45.1	45.4	45.7	45.9	46.2	46.5	46.8	47.1°	60

Elemente der partiellen Sonnenfinsternis 1942 September 10

Welt-Zeit	x	y	log sin d	log cos d	μ	$l^{(a)}$
h m					° ′ ″	
13 50	−0.550818	+1.490211	8.944337	9.998313	28 13 14.5	+0.554117
14 0	−0.465813	+1.463562	8.944117	9.998315	30 43 17.4	+0.554104
10	0.380807	1.436907	8.943897	9.998316	33 13 20.3	0.554091
20	0.295800	1.410247	8.943676	9.998318	35 43 23.2	0.554077
30	0.210792	1.383581	8.943455	9.998320	38 13 26.1	0.554063
40	0.125784	1.356910	8.943234	9.998321	40 43 29.1	0.554048
50	−0.040775	1.330234	8.943014	9.998323	43 13 32.0	0.554032
15 0	+0.044235	+1.303553	8.942793	9.998325	45 43 34.9	+0.554016
10	0.129245	1.276867	8.942572	9.998327	48 13 37.8	0.553999
20	0.214255	1.250176	8.942351	9.998328	50 43 40.7	0.553982
30	0.299264	1.223479	8.942129	9.998330	53 13 43.6	0.553964
40	0.384273	1.196777	8.941907	9.998332	55 43 46.5	0.553945
50	0.469281	1.170071	8.941686	9.998333	58 13 49.4	0.553926
16 0	+0.554289	+1.143360	8.941464	9.998335	60 43 52.3	+0.553906
10	0.639296	1.116644	8.941242	9.998337	63 13 55.2	0.553885
20	0.724302	1.089923	8.941020	9.998339	65 43 58.1	0.553864
30	0.809306	1.063198	8.940798	9.998341	68 14 1.0	0.553842
40	0.894309	1.036468	8.940576	9.998342	70 44 3.9	0.553820
50	0.979310	1.009733	8.940354	9.998344	73 14 6.8	0.553797
17 0	+1.064310	+0.982993	8.940132	9.998345	75 44 9.7	+0.553774
10	1.149307	0.956249	8.939909	9.998347	78 14 12.6	0.553750
20	1.234302	0.929500	8.939686	9.998349	80 44 15.5	0.553725
30	+1.319295	+0.902746	8.939464	9.998351	83 14 18.4	+0.553700

Welt-Zeit	x'	y'	log tang $f^{(a)}$
h m			
13 0	+0.0084995	−0.0026617	7.66693
14 0	0.0085005	0.0026652	7.66694
15 0	0.0085010	0.0026683	7.66694
16 0	0.0085007	0.0026713	7.66694
17 0	0.0084998	0.0026742	7.66695
18 0	+0.0084983	−0.0026769	7.66695

Ein- und Austritte für Berlin-Babelsberg

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1942			m		h m	°	m	m	d
Jan.	9	13 Virginis	5.9	A.	1 57.6	312	−0.9	−0.2	21.7
	11	95 Virginis	5.5	A.	2 42.5	352	0.0	−1.7	23.7
	11	ϰ Virginis	4.3	E.	5 40.6	129	−1.2	−0.6	23.8
	24	BD +10° 352	6.8	E.	19 42.4	33	−1.1	+1.2	7.9
	24	BD +9° 353	6.7	E.	21 20.1	105	−0.8	−2.2	8.0
	24	85 Ceti	6.3	E.	21 39.2	66	−0.7	−0.8	8.0
	25	BD +13° 568	7.3	E.	23 42.7	43	−0.4	−0.2	9.1
	26	48 Tauri	6.4	E.	19 59.7	130	−1.9	−2.9	9.9
	26	γ Tauri	3.9	E.	22 28.8	108	−0.8	−2.1	10.0
	29	26 Geminorum	5.1	E.	17 3.9	131	−1.0	+0.2	12.9
Febr.	5	38 Virginis	6.2	A.	23 5.1	289	−0.6	+0.9	20.1
März	5	72 Virginis	6.1	A.	22 17.2	305	−0.6	+0.4	18.5
	19	BD +7° 313	7.2	E.	18 12.9	50	−0.4	−0.4	2.7
	21	BD +13° 579	6.9	E.	18 42.5	71	−0.8	−0.9	4.8
	22	ϑ¹ Tauri	4.0	E.	18 55.4	83	−1.0	−1.2	5.8
	22	ϑ² Tauri	3.6	E.	18 59.8	106	−0.9	−2.0	5.8
	22	BD +15° 633 *m*	6.6	E.	19 25.9	34	−1.1	+0.7	5.8
	22	BD +15° 637	4.8	E.	20 18.9	34	−0.9	+0.5	5.8
	22	BD +15° 640	6.7	E.	20 19.4	49	−0.7	−0.4	5.8
	22	85 Tauri	6.0	E.	20 53.3	129	0.0	−2.8	5.8
	23	111 Tauri	5.1	E.	22 24.5	75	−0.1	−1.2	6.9
	24	BD +17° 1182	5.7	E.	22 30.6	65	−0.4	−1.0	7.9
	25	BD +17° 1479	6.2	E.	21 20.1	28	—	—	8.9
April	2	95 Virginis	5.5	A.	22 33.1	316	−0.8	−0.2	16.9
	3	ϰ Virginis	4.3	E.	1 25.8	161	−0.8	−1.8	17.1
	3	ϰ Virginis	4.3	A.	2 10.3	240	−1.6	−0.1	17.1
	26	56 Leonis	6.0	E.	19 7.3	97	−1.5	+0.1	11.2
	27	β Virginis	3.8	E.	20 37.5	76	−1.8	+0.4	12.3
Mai	2	24 Scorpii	5.0	A.	22 10.6	325	−0.4	−0.1	17.3
	16	α Tauri	1.1	E.	11 55.8	67	−1.5	+1.0	1.3
	16	α Tauri	1.1	A.	13 17.5	271	−1.5	−0.7	1.3
	22	R Leonis	5.0—10.5	E.	19 27.6	44	—	—	7.6
	24	89 Leonis	5.8	E.	23 9.2	99	−0.4	−1.7	9.7
	25	η Virginis	4.0	E.	19 33.0	105	−1.4	−0.5	10.6
	27	ϰ Virginis	4.3	E.	22 16.6	181	—	—	12.7
Juni	25	η Librae	5.6	E.	20 55.5	115	−1.3	−0.5	12.0
Juli	20	74 Virginis	4.8	E.	20 14.5	69	−0.9	−1.1	7.3
	23	BD −16° 4280	6.7	E.	21 58.1	37	−0.9	+0.1	10.4
Aug.	6	ϑ² Tauri	3.6	E.	2 1.3	56	−0.2	+2.2	23.6
	6	ϑ¹ Tauri	4.0	E.	2 9.4	31	0.0	+2.8	23.6
	20	BD −18° 4372	6.5	E.	19 29.4	49	−1.4	+0.1	8.7
	22	BD −19° 5312	5.4	E.	22 15.9	61	−1.0	−0.5	10.8
	25	29 Capricorni	5.5	E.	1 13.9	128	−1.5	−2.7	12.9
	27	27 Piscium	5.1	A.	23 47.4	189	−0.5	+2.5	15.9
	28	29 Piscium	5.2	A.	2 12.0	228	−1.0	+0.4	16.0
	30	υ Piscium	4.7	A.	1 10.8	273	−1.6	+0.5	18.1
Sept.	4	130 Tauri	5.5	A.	0 40.7	117	0.0	+2.1	23.0
	16	24 Scorpii	5.0	E.	17 36.8	64	−1.4	−0.3	6.1
	18	BD −19° 5154	6.5	E.	19 54.0	76	−1.2	−0.6	8.2
	22	BD −13° 6027	6.1	E.	0 0.7	18	−0.1	+0.9	11.3
	25	89 Piscium	5.3	A.	22 58.4	280	−1.7	+0.4	15.3
	29	89 Tauri	5.8	A.	23 23.2	217	−0.2	+2.7	19.3
Okt.	6	18 Leonis	5.9	A.	3 52.2	254	−0.7	+2.1	25.5
	7	49 Leonis	5.8	A.	3 11.4	295	−0.2	+0.9	26.5
	17	BD −17° 5992	6.8	E.	18 54.3	85	−1.4	−0.4	7.6
	18	BD −14° 6047	6.8	E.	21 32.7	83	−1.0	−1.0	8.7
	21	29 Piscium	5.2	E.	17 0.9	41	−0.5	+2.2	11.6
	21	4 Ceti	6.3	E.	20 26.2	74	−1.4	+0.8	11.7
	21	5 Ceti	6.3	E.	20 47.1	65	−1.3	+0.8	11.7

Sternbedeckungen 1942

Ein- und Austritte für Berlin-Babelsberg

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1942			m		h m	°	m	m	d
Okt.	26	48 Tauri	6.4	A.	20 55.0	252	−0.5	+1.9	16.7
	26	γ Tauri	3.9	E.	22 4.1	87	−1.0	+1.4	16.8
	26	γ Tauri	3.9	A.	23 17.0	240	−1.1	+1.8	16.8
	27	70 Tauri	6.4	A.	3 7.0	234	−1.4	+0.4	16.9
	27	ϑ^1 Tauri	4.0	E.	3 58.0	134	−1.0	−3.6	17.0
	27	ϑ^1 Tauri	4.0	A.	4 43.5	210	−1.1	+1.1	17.0
	27	75 Tauri	5.3	A.	4 46.5	315	−0.6	−3.6	17.0
	29	BD +18° 1349	6.2	A.	21 22.4	231	+0.3	+2.3	19.8
	30	74 Geminorum	5.2	A.	22 33.3	287	−0.2	+1.2	20.8
Nov.	12	BD −20° 5415 *m*	6.3	E.	17 6.8	89	−1.1	−1.0	4.1
	16	83 Aquarii *m*	5.6	E.	21 29.5	48	−0.6	−0.2	8.2
	16	BD −8° 6021	6.8	E.	21 50.1	120	−1.3	−2.8	8.3
	20	υ Piscium	4.7	E.	1 37.1	98	−0.4	−1.9	11.4
Dez.	13	BD −10° 5975	7.2	E.	16 14.4	92	−1.6	0.0	5.6
	15	14 Ceti	5.9	E.	22 24.3	122	−0.8	−3.2	7.8
	17	BD +6° 324	6.9	E.	17 38.6	101	−1.6	+0.7	9.7
	20	BD +15° 637	4.8	E.	16 41.7	54	−0.1	+2.1	12.7
	20	α Tauri	1.1	E.	19 46.4	64	−1.1	+1.8	12.8
	20	α Tauri	1.1	A.	21 5.3	265	−1.6	+0.5	12.8
	26	o^1 Cancri	5.2	A.	3 50.6	292	−1.1	−1.7	18.0
	27	45 Leonis	5.9	A.	23 44.5	255	−1.0	+2.1	19.9
	28	ρ Leonis	3.8	A.	3 17.2	260	−1.9	+0.4	20.0

Ein- und Austritte für Breslau

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1942			m		h m	°	m	m	d
Jan.	9	13 Virginis	5.9	A.	2 1.8	312	−1.0	−0.3	21.7
	11	BD −8° 3689	6.5	A.	1 52.0	306	−0.5	+0.4	23.7
	11	95 Virginis	5.5	A.	2 44.8	352	0.0	−1.9	23.7
	11	ϰ Virginis	4.3	E.	5 46.3	128	−1.2	−0.8	23.8
	24	BD +10° 352	6.8	E.	19 45.5	39	−1.1	+0.8	7.9
	24	BD +9° 353	6.7	E.	21 25.9	109	−0.7	−2.4	8.0
	24	85 Ceti	6.3	E.	21 43.0	70	−0.6	−1.0	8.0
	26	48 Tauri	6.4	E.	20 11.5	138	—	—	9.9
	26	γ Tauri	3.9	E.	22 34.7	111	−0.7	−2.2	10.0
	29	26 Geminorum	5.1	E.	17 8.5	139	−1.3	−0.4	12.9
Febr.	5	38 Virginis	6.2	A.	23 6.7	287	−0.7	+0.9	20.1
März	5	72 Virginis	6.1	A.	22 19.4	304	−0.7	+0.3	18.5
	19	BD +7° 313	7.2	E.	18 14.9	54	−0.3	−0.5	2.7
	21	BD +13° 579	6.9	E.	18 46.8	74	−0.7	−1.1	4.8
	22	ϑ^1 Tauri	4.0	E.	19 0.7	86	−0.8	−1.4	5.8
	22	ϑ^2 Tauri	3.6	E.	19 5.5	108	−0.7	−2.1	5.8
	22	BD +15° 633 *m*	6.6	E.	19 29.4	37	−1.0	+0.5	5.8
	22	BD +15° 637	4.8	E.	20 21.6	36	−0.7	+0.3	5.8
	22	BD +15° 640	6.7	E.	20 22.5	50	−0.6	−0.4	5.8
	22	85 Tauri	6.0	E.	20 56.2	129	+0.2	−2.8	5.8
	24	BD +17° 1182	5.7	E.	22 33.4	64	−0.3	−1.0	7.9
	25	BD +17° 1479	6.2	E.	21 25.8	28	—	—	8.9
April	2	95 Virginis	5.5	A.	22 36.9	317	−0.9	−0.4	16.9
	3	ϰ Virginis	4.3	E.	1 31.5	160	−0.8	−1.9	17.1
	3	ϰ Virginis	4.3	A.	2 17.1	240	−1.5	−0.3	17.1
	22	BD +17° 1596	5.6	E.	18 48.4	112	−1.1	−1.9	7.2
	26	56 Leonis	6.0	E.	19 13.5	97	−1.6	−0.1	11.2
	27	β Virginis	3.8	E.	20 44.3	75	−1.9	+0.3	12.3
Mai	2	24 Scorpii	5.0	A.	22 12.7	326	−0.5	−0.2	17.3

Sternbedeckungen 1942

Ein- und Austritte für Breslau

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1942			m		h m	°	m	m	d
Mai	16	α Tauri	1.1	E.	12 1.1	73	−1.6	+0.6	1.3
	16	α Tauri	1.1	A.	13 24.5	266	−1.5	−0.7	1.3
	22	R Leonis	5.0—10.5	E.	19 35.7	39	—	—	7.6
	24	89 Leonis	5.8	E.	23 12.7	99	−0.3	−1.7	9.7
	25	η Virginis	4.0	E.	19 39.7	103	−1.5	−0.7	10.6
	27	κ Virginis	4.3	E.	22 21.6	179	—	—	12.7
Juni	19	44 Leonis	5.9	E.	20 24.5	100	−0.3	−1.7	5.9
	25	η Librae	5.6	E.	21 1.6	115	−1.4	−0.7	12.0
Juli	17	59 Leonis	5.1	E.	19 32.3	135	0.0	−2.1	4.3
	20	72 Virginis	6.1	E.	19 42.2	148	−0.7	−2.2	7.3
	20	74 Virginis	4.8	E.	20 19.7	70	−0.8	−1.2	7.3
	23	BD −16° 4280	6.7	E.	22 1.4	41	−0.8	−0.1	10.4
Aug.	3	μ Ceti	4.4	A.	23 14.1	269	−0.2	+1.6	21.5
	6	ϑ^2 Tauri	3.6	E.	1 59.8	62	−0.3	+2.1	23.6
	6	ϑ^1 Tauri	4.0	E.	2 6.0	38	−0.1	+2.7	23.6
	6	α Tauri	1.1	E.	7 21.4	358	—	—	23.8
	6	α Tauri	1.1	A.	7 33.6	341	—	—	23.8
	20	BD −18° 4372	6.5	E.	19 34.8	51	−1.3	−0.1	8.7
	22	BD −19° 5312	5.4	E.	22 20.4	66	−0.9	−0.6	10.8
	27	27 Piscium	5.1	A.	23 44.7	177	—	—	15.9
	28	29 Piscium	5.2	A.	2 15.1	221	−0.9	+0.5	16.0
	30	υ Piscium	4.7	A.	1 16.8	266	−1.6	+0.5	18.1
Sept.	4	130 Tauri	5.5	A.	0 38.2	122	0.0	+2.2	23.0
	16	24 Scorpii	5.0	E.	17 42.6	66	−1.4	−0.5	6.1
	16	BD −17° 4616	6.6	E.	17 43.4	139	−1.3	−1.7	6.1
	18	BD −19° 5154	6.5	E.	19 59.5	80	−1.1	−0.8	8.2
	22	BD −13° 6027	6.1	E.	0 0.5	27	−0.2	+0.5	11.3
	25	89 Piscium	5.3	A.	23 4.7	272	−1.7	+0.4	15.3
	29	89 Tauri	5.8	A.	23 20.5	209	−0.2	+3.1	19.3
Okt.	7	49 Leonis	5.8	A.	3 11.2	290	−0.3	+1.0	26.5
	17	BD −17° 5992	6.8	E.	19 0.4	90	−1.4	−0.7	7.6
	18	BD −14° 6047	6.8	E.	21 38.2	90	−1.0	−1.3	8.7
	21	29 Piscium	5.2	E.	17 0.4	45	−0.6	+2.1	11.6
	21	4 Ceti	6.3	E.	20 31.4	80	−1.6	+0.5	11.7
	21	5 Ceti	6.3	E.	20 51.8	71	−1.5	+0.5	11.7
	26	48 Tauri	6.4	A.	20 54.7	247	−0.6	+2.0	16.7
	26	γ Tauri	3.9	E.	22 6.8	93	−1.2	+1.2	16.8
	26	γ Tauri	3.9	A.	23 19.2	233	−1.2	+2.0	16.8
	27	70 Tauri	6.4	A.	3 11.9	230	−1.3	+0.5	16.9
	27	ϑ^1 Tauri	4.0	E.	4 6.7	140	−0.8	−4.2	17.0
	27	ϑ^1 Tauri	4.0	A.	4 46.2	206	−1.2	+1.5	17.0
	29	BD +18° 1349 *m*	6.2	A.	21 18.2	224	+0.3	+2.5	19.8
	30	74 Geminorum	5.2	A.	22 32.7	282	−0.3	+1.3	20.8
Nov.	12	BD −20° 5415 *m*	6.3	E.	17 12.7	94	−1.1	−1.2	4.1
	16	83 Aquarii *m*	5.6	E.	21 32.4	56	−0.6	−0.4	8.2
	20	υ Piscium	4.7	E.	1 40.8	102	−0.3	−2.0	11.4
Dez.	13	BD −10° 5975	7.2	E.	16 21.4	99	−1.8	−0.4	5.6
	15	14 Ceti	5.9	E.	22 32.3	133	−0.7	−4.4	7.8
	17	BD +6° 324	6.9	E.	17 45.3	109	−1.9	+0.1	9.7
	20	BD +15° 637	4.8	E.	16 39.6	59	−0.2	+2.1	12.7
	20	α Tauri	1.1	E.	19 49.2	71	−1.3	+1.5	12.8
	20	α Tauri	1.1	A.	21 11.0	259	−1.6	+0.5	12.8
	26	o^1 Cancri	5.2	A.	3 57.4	292	−1.0	−1.8	18.0
	27	45 Leonis	5.9	A.	23 46.0	251	−1.2	+2.4	19.9
	28	ρ Leonis	3.8	A.	3 24.7	260	−1.9	+0.2	20.0

Sternbedeckungen 1942

Ein- und Austritte für Frankfurt a. M.

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1942			m		h m	°	m	m	d
Jan.	8	80 Leonis	6.4	A.	0 16.3	0	—	—	20.6
	9	13 Virginis	5.9	A.	1 53.5	302	−1.0	+0.2	21.7
	11	95 Virginis	5.5	A.	2 44.7	336	−0.3	−0.7	23.7
	11	ϰ Virginis	4.3	E.	5 37.2	138	−1.1	−0.7	23.8
	24	BD $+10^0$ 352	6.8	E.	19 34.5	39	−1.3	+1.1	7.9
	24	BD $+9^0$ 353	6.7	E.	21 21.5	113	−1.0	−2.5	8.0
	24	85 Ceti	6.3	E.	21 38.0	74	−0.8	−1.0	8.0
	26	48 Tauri	6.4	E.	19 58.5	139	—	—	9.9
	26	γ Tauri	3.9	E.	22 30.1	117	−1.0	−2.5	10.0
	29	26 Geminorum	5.1	E.	16 59.2	134	−0.9	+0.1	12.9
Febr.	5	38 Virginis	6.2	A.	23 0.1	280	−0.6	+1.2	20.1
	27	BD $+16^0$ 1679	6.6	E.	23 54.7	42	—	—	12.6
März	3	56 Leonis	6.0	E.	0 20.9	54	—	—	15.6
	3	56 Leonis	6.0	A.	0 58.6	354	−0.2	−3.5	15.6
	5	72 Virginis	6.1	A.	22 13.3	295	−0.6	+0.7	18.5
	11	BD -19^0 5047	6.9	A.	4 27.1	302	−1.0	+0.4	23.8
	19	BD $+7^0$ 313	7.2	E.	18 11.8	58	−0.5	−0.5	2.7
	21	BD $+13^0$ 579	6.9	E.	18 41.1	79	−0.9	−1.1	4.8
	22	ϑ^1 Tauri	4.0	E.	18 53.8	91	−1.1	−1.4	5.8
	22	ϑ^2 Tauri	3.6	E.	19 0.7	114	−1.0	−2.4	5.8
	22	BD $+15^0$ 633 *m*	6.6	E.	19 19.9	46	−1.2	+0.3	5.8
	22	BD $+15^0$ 637	4.8	E.	20 14.7	45	−0.9	0.0	5.8
	22	BD $+15^0$ 640	6.7	E.	20 17.3	59	−0.8	−0.6	5.8
	22	85 Tauri	6.0	E.	21 0.7	141	+0.1	−3.6	5.8
	23	111 Tauri	5.1	E.	22 27.0	83	−0.1	−1.4	6.9
	24	BD $+18^0$ 1112	6.4	E.	20 59.1	20	—	—	7.8
	24	BD $+17^0$ 1182	5.7	E.	22 31.3	74	−0.5	−1.2	7.9
	25	BD $+17^0$ 1479	6.2	E.	21 9.2	47	−1.7	+0.6	8.9
April	2	95 Virginis	5.5	A.	22 29.5	306	−0.9	+0.1	16.9
	3	ϰ Virginis	4.3	E.	1 28.2	174	—	—	17.1
	3	ϰ Virginis	4.3	A.	2 1.5	229	—	—	17.1
	27	β Virginis	3.8	E.	20 28.8	88	−1.8	+0.3	12.3
	28	BD $+1^0$ 2636	6.5	E.	1 46.7	152	−0.2	−2.3	12.4
Mai	16	α Tauri	1.1	E.	11 46.5	71	−1.6	+1.0	1.3
	16	α Tauri	1.1	A.	13 11.2	265	−1.7	−0.2	1.3
	24	89 Leonis	5.8	E.	23 10.9	104	−0.5	−1.7	9.7
	25	η Virginis	4.0	E.	19 28.0	114	−1.4	−0.6	10.6
	27	BD -5^0 3678	6.7	E.	0 50.2	125	−0.5	−1.9	11.8
Juni	19	44 Leonis	5.9	E.	20 23.0	107	−0.5	−1.8	5.9
	25	η Librae	5.6	E.	20 50.9	122	−1.3	−0.5	12.0
Juli	20	74 Virginis	4.8	E.	20 12.7	75	−1.1	−1.1	7.3
	23	BD -16^0 4280	6.7	E.	21 53.1	41	−1.2	+0.2	10.4
Aug.	6	71 Tauri	4.6	A.	1 40.2	250	−0.1	+1.9	23.6
	6	ϑ^2 Tauri	3.6	E.	1 55.7	57	−0.1	+2.1	23.6
	6	ϑ^1 Tauri	4.0	E.	2 3.3	31	+0.1	+2.7	23.6
	6	ϑ^1 Tauri	4.0	A.	2 52.0	298	−1.1	+0.8	23.6
	6	ϑ^2 Tauri	3.6	A.	2 59.1	272	−0.8	+1.5	23.6
	6	α Tauri	1.1	E.	7 9.7	354	—	—	23.8
	6	α Tauri	1.1	A.	7 19.5	341	—	—	23.8
	20	BD -18^0 4372	6.5	E.	19 22.4	54	−1.6	+0.3	8.7
	21	BD -19^0 4832	6.8	E.	21 52.5	125	−1.4	−1.6	9.8
	22	BD -19^0 5312	5.4	E.	22 12.2	62	−1.1	−0.3	10.8
	25	29 Capricorni	5.5	E.	1 12.8	130	−1.8	−2.7	12.9
	27	27 Piscium	5.1	A.	23 39.6	190	−0.5	+2.6	15.9
	28	29 Piscium	5.2	A.	2 6.1	227	−1.1	+0.6	16.0
	30	ν Piscium	4.7	A.	1 2.0	273	−1.6	+0.7	18.1
Sept.	4	130 Tauri	5.5	A.	0 36.3	118	+0.1	+2.0	23.0
	18	BD -19^0 5154	6.5	E.	19 49.7	77	−1.3	−0.5	8.2
	21	BD -13^0 6027	6.1	E.	23 57.5	20	−0.2	+1.0	11.3

Ein- und Austritte für Frankfurt a. M.

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1942			m		h m	°	m	m	d
Sept.	25	89 Piscium	5.3	A.	22 49.7	280	−1.7	+0.6	15.3
	29	89 Tauri	5.8	A.	23 16.2	216	−0.1	+2.7	19.3
Okt.	6	18 Leonis	5.9	A.	3 44.4	247	−0.5	+2.4	25.5
	17	BD −17° 5992	6.8	E.	18 48.5	85	−1.5	−0.2	7.6
	18	BD −14° 6047	6.8	E.	21 30.3	84	−1.2	−0.9	8.7
	21	4 Ceti	6.3	E.	20 17.9	74	−1.4	+1.0	11.7
	21	5 Ceti	6.3	E.	20 38.9	65	−1.4	+1.0	11.7
	26	48 Tauri	6.4	A.	20 48.8	252	−0.4	+1.8	16.7
	26	γ Tauri	3.9	E.	21 56.4	88	−0.9	+1.5	16.8
	26	γ Tauri	3.9	A.	23 7.9	238	−1.0	+2.0	16.8
	27	70 Tauri	6.4	A.	2 59.0	227	−1.5	+1.0	16.9
	27	ϑ¹ Tauri	4.0	E.	4 4.0	149	—	—	17.0
	27	ϑ¹ Tauri	4.0	A.	4 32.3	194	—	—	17.0
	27	75 Tauri	5.3	A.	4 50.3	303	−0.9	−2.8	17.0
	29	BD +18° 1349	6.2	A.	21 18.8	229	+0.4	+2.2	19.8
	30	74 Geminorum	5.2	A.	22 29.8	285	−0.1	+1.1	20.8
Nov.	12	BD −20° 5415 *m*	6.3	E.	17 3.6	90	−1.3	−0.8	4.1
	16	83 Aquarii *m*	5.6	E.	21 26.5	51	−0.8	−0.1	8.2
	16	BD −8° 6021	6.8	E.	21 50.4	125	−1.7	−3.3	8.3
	20	ν Piscium	4.7	E.	1 39.4	105	−0.6	−2.2	11.4
Dez.	12	μ Capricorni	5.2	E.	19 31.2	132	−1.6	−3.6	4.7
	13	BD −10° 5975	7.2	E.	16 6.7	92	−1.7	+0.2	5.6
	15	14 Ceti	5.9	E.	22 28.7	132	—	—	7.8
	17	BD +6° 324	6.9	E.	17 29.7	101	−1.6	+0.9	9.7
	20	BD +15° 637	4.8	E.	16 36.9	54	0.0	+2.1	12.7
	20	α Tauri	1.1	E.	19 37.6	66	−1.1	+1.8	12.8
	20	α Tauri	1.1	A.	20 56.6	262	−1.6	+0.9	12.8
	26	o¹ Cancri	5.2	A.	3 48.4	283	−1.4	−1.3	18.0
	27	45 Leonis	5.9	A.	23 35.1	246	−0.8	+2.6	19.9
	28	ρ Leonis	3.8	A.	3 6.2	247	−2.3	+1.4	20.0

Ein- und Austritte für Königsberg

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1942			m		h m	°	m	m	d
Jan.	9	13 Virginis	5.9	A.	2 3.0	325	−0.8	−0.8	21.7
	11	BD −8° 3689	6.5	A.	1 54.5	319	−0.4	+0.1	23.7
	11	ϰ Virginis	4.3	E.	5 48.0	119	−1.2	−0.6	23.8
	24	BD +10° 352	6.8	E.	19 52.4	26	−0.9	+1.3	7.9
	24	BD +9° 353	6.7	E.	21 20.3	97	−0.6	−1.9	8.0
	24	85 Ceti	6.3	E.	21 41.8	58	−0.5	−0.7	8.0
	26	48 Tauri	6.4	E.	20 5.8	122	−1.5	−2.4	9.9
	26	γ Tauri	3.9	E.	22 29.8	99	−0.6	−1.9	10.0
	29	26 Geminorum	5.1	E.	17 12.0	129	−1.1	+0.2	12.9
Febr.	5	38 Virginis	6.2	A.	23 11.7	300	−0.7	+0.6	20.1
	9	η Librae	5.6	A.	2 40.7	235	−1.5	+2.2	23.2
März	5	72 Virginis	6.1	A.	22 22.0	317	−0.6	0.0	18.5
	19	BD +7° 313	7.2	E.	18 14.7	41	−0.3	−0.2	2.7
	21	BD +13° 579	6.9	E.	18 45.6	62	−0.6	−0.8	4.8
	22	ϑ¹ Tauri	4.0	E.	18 59.1	74	−0.7	−1.1	5.8
	22	ϑ² Tauri	3.6	E.	19 1.0	96	−0.6	−1.7	5.8
	22	BD +15° 633 *m*	6.6	E.	19 37.1	16	—	—	5.8
	22	BD +15° 640	6.7	E.	20 23.7	36	−0.6	0.0	5.8
	22	BD +15° 637	4.8	E.	20 28.9	12	—	—	5.8
	22	85 Tauri	6.0	E.	20 47.2	116	+0.1	−2.3	5.8
	24	BD +17° 1182	5.7	E.	22 31.3	53	−0.3	−0.8	7.9
April	2	95 Virginis	5.5	A.	22 37.7	329	−0.7	−0.7	16.9

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Ein- und Austritte für Königsberg

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1942			m		h m	°	m	m	d
April	3	ϰ Virginis	4.3	E.	1 28.2	151	−0.9	−1.5	17.1
	3	ϰ Virginis	4.3	A.	2 19.7	248	−1.2	−0.7	17.1
	21	26 Geminorum	5.1	E.	19 39.1	155	+0.2	−3.7	6.2
	22	BD +17° 1596	5.6	E.	18 45.9	101	−1.0	−1.5	7.2
	26	56 Leonis	6.0	E.	19 19.1	85	−1.6	+0.1	11.2
	27	β Virginis	3.8	E.	20 52.5	60	−2.0	+0.6	12.3
Mai	2	24 Scorpii	5.0	A.	22 12.6	340	−0.2	−0.7	17.3
	16	α Tauri	1.1	E.	12 8.6	63	−1.4	+0.7	1.3
	16	α Tauri	1.1	A.	13 25.8	277	−1.3	−1.2	1.3
	24	89 Leonis	5.8	E.	23 7.8	94	−0.3	−1.6	9.7
	25	η Virginis	4.0	E.	19 42.2	94	−1.4	−0.6	10.6
	27	ϰ Virginis	4.3	E.	22 14.8	166	−0.7	−2.1	12.7
Juni	19	44 Leonis	5.9	E.	20 19.2	94	−0.2	−1.7	5.9
	25	η Librae	5.6	E.	21 3.5	109	−1.2	−0.7	12.0
Juli	20	74 Virginis	4.8	E.	20 18.0	64	−0.7	−1.2	7.3
Aug.	3	μ Ceti	4.4	A.	23 20.5	272	−0.3	+1.7	21.5
	6	ϑ² Tauri	3.6	E.	2 8.6	58	−0.4	+2.1	23.6
	20	BD −18° 4372	6.5	E.	19 38.5	45	−1.1	−0.2	8.7
	27	27 Piscium	5.1	A.	23 55.7	184	—	—	15.9
	28	29 Piscium	5.2	A.	2 19.3	227	−0.8	+0.1	16.0
	30	υ Piscium	4.7	A.	1 23.5	270	−1.5	+0.2	18.1
Sept.	4	130 Tauri	5.5	A.	0 46.4	118	−0.2	+2.2	23.0
	16	BD −17° 4616	6.6	E.	17 41.8	135	−1.2	−1.5	6.1
	16	24 Scorpii	5.0	E.	17 44.5	61	−1.1	−0.6	6.1
	25	89 Piscium	5.3	A.	23 11.2	277	−1.6	0.0	15.3
	29	89 Tauri	5.8	A.	23 32.1	215	−0.4	+2.8	19.3
Okt.	7	49 Leonis	5.8	A.	3 15.5	301	−0.4	+0.8	26.5
	17	BD −17° 5992	6.8	E.	19 2.2	87	−1.2	−0.8	7.6
	21	29 Piscium	5.2	E.	17 9.8	42	−0.6	+2.1	11.6
	21	4 Ceti	6.3	E.	20 37.9	77	−1.4	+0.3	11.7
	21	5 Ceti	6.3	E.	20 58.1	68	−1.3	+0.4	11.7
	26	48 Tauri	6.4	A.	21 3.7	250	−0.7	+1.9	16.7
	26	γ Tauri	3.9	E.	22 15.2	89	−1.2	+1.2	16.8
	26	γ Tauri	3.9	A.	23 29.5	240	−1.2	+1.5	16.8
	27	70 Tauri	6.4	A.	3 16.4	242	−1.1	−0.3	16.9
	27	ϑ¹ Tauri	4.0	E.	3 57.4	122	−0.8	−2.7	17.0
	27	ϑ¹ Tauri	4.0	A.	4 51.9	223	−0.8	0.0	17.0
	29	BD +18° 1349 *m*	6.2	A.	21 26.6	230	+0.1	+2.3	19.8
	30	74 Geminorum	5.2	A.	22 38.4	288	−0.4	+1.2	20.8
Nov.	16	83 Aquarii *m*	5.6	E.	21 32.9	48	−0.5	−0.3	8.2
	20	υ Piscium	4.7	E.	1 35.5	90	−0.2	−1.6	11.4
Dez.	13	BD −10° 5975	7.2	E.	16 25.6	96	−1.5	−0.4	5.6
	17	BD +6° 324	6.9	E.	17 52.1	104	−1.7	+0.2	9.7
	20	ϑ¹ Tauri	4.0	E.	15 40.6	80	−0.1	+1.7	12.6
	20	ϑ² Tauri	3.6	E.	15 43.6	103	−0.3	+1.4	12.6
	20	BD +15° 637	4.8	E.	16 48.0	56	−0.3	+2.2	12.7
	20	α Tauri	1.1	E.	19 58.9	64	−1.2	+1.5	12.8
	20	α Tauri	1.1	A.	21 17.6	267	−1.5	+0.1	12.8
	24	3 Cancri	5.8	A.	22 58.3	208	—	—	16.9
	26	o¹ Cancri	5.2	A.	3 53.4	303	−0.8	−2.0	18.0
	27	45 Leonis	5.9	A.	23 56.6	264	−1.1	+1.6	19.9
	28	ρ Leonis	3.8	A.	3 29.5	273	−1.5	−0.7	20.0
	31	46 Virginis	6.1	A.	5 29.8	230	—	—	23.1

Sternbedeckungen 1942

Ein- und Austritte für München

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1942			m		h m	°	m	m	d
Jan.	8	80 Leonis	6.4	A.	0 23.9	349	−0.5	−2.4	20.6
	9	13 Virginis	5.9	A.	1 56.3	299	−1.1	+0.1	21.7
	11	BD −8° 3689	6.5	A.	1 47.4	293	−0.5	+0.7	23.7
	11	95 Virginis	5.5	A.	2 47.1	332	−0.4	−0.7	23.7
	11	$\varkappa$ Virginis	4.3	E.	5 42.2	139	−1.2	−0.9	23.8
	24	BD +10° 352	6.8	E.	19 36.6	48	−1.3	+0.7	7.9
	24	BD +9° 353	6.7	E.	21 29.8	122	−0.8	−3.1	8.0
	24	85 Ceti	6.3	E.	21 42.4	80	−0.8	−1.2	8.0
	26	γ Tauri	3.9	E.	22 38.1	124	−0.8	−2.9	10.0
	29	26 Geminorum	5.1	E.	17 3.4	146	−1.4	−1.0	12.9
Febr.	5	38 Virginis	6.2	A.	22 59.6	275	−0.7	+1.3	20.1
	27	BD +16° 1679	6.6	E.	23 59.1	45	−2.0	+0.8	12.6
März	3	56 Leonis	6.0	E.	0 25.7	57	−2.6	+1.1	15.6
	3	56 Leonis	6.0	A.	1 5.9	352	−0.2	−3.5	15.6
	5	72 Virginis	6.1	A.	22 13.8	292	−0.7	+0.7	18.5
	21	BD +13° 579	6.9	E.	18 46.1	85	−0.8	−1.3	4.8
	22	ϑ^1 Tauri	4.0	E.	19 0.1	97	−1.1	−1.7	5.8
	22	ϑ^2 Tauri	3.6	E.	19 8.3	120	−0.8	−2.6	5.8
	22	BD +15° 633 *m*	6.6	E.	19 23.0	52	−1.1	0.0	5.8
	22	BD +15° 637	4.8	E.	20 17.4	51	−0.8	−0.2	5.8
	22	BD +15° 640	6.7	E.	20 20.7	63	−0.7	−0.7	5.8
	22	85 Tauri	6.0	E.	21 7.5	148	+0.4	−4.1	5.8
	23	111 Tauri	5.1	E.	22 30.0	86	0.0	−1.3	6.9
	24	BD +18° 1112	6.4	E.	20 59.6	28	—	—	7.8
	24	BD +17° 1182	5.7	E.	22 34.7	76	−0.4	−1.2	7.9
April	2	95 Virginis	5.5	A.	22 32.2	304	−1.0	0.0	16.9
	3	$\varkappa$ Virginis	4.3	E.	1 34.4	176	—	—	17.1
	3	$\varkappa$ Virginis	4.3	A.	2 6.2	227	—	—	17.1
	22	BD +17° 1596	5.6	E.	18 48.3	124	−1.1	−2.2	7.2
	26	56 Leonis	6.0	E.	19 5.4	110	−1.6	−0.3	11.2
	27	β Virginis	3.8	E.	20 33.5	89	−1.9	+0.1	12.3
	28	BD +1° 2636	6.5	E.	1 52.1	154	−0.2	−2.4	12.4
Mai	2	24 Scorpii	5.0	A.	22 9.7	313	−0.6	+0.1	17.3
	16	α Tauri	1.1	E.	11 49.8	79	−1.8	+0.6	1.3
	16	α Tauri	1.1	A.	13 16.6	258	−1.8	−0.1	1.3
	22	R Leonis	5.0—10.5	E.	19 22.7	62	−1.9	−0.1	7.6
	24	89 Leonis	5.8	E.	23 15.7	105	−0.4	−1.7	9.7
	25	η Virginis	4.0	E.	19 33.7	115	−1.5	−0.8	10.6
Juni	19	44 Leonis	5.9	E.	20 27.8	108	−0.4	−1.8	5.9
	25	η Librae	5.6	E.	20 56.1	122	−1.4	−0.7	12.0
Juli	20	74 Virginis	4.8	E.	20 17.9	76	−1.0	−1.1	7.3
	23	BD −16° 4280	6.7	E.	21 56.3	47	−1.1	0.0	10.4
Aug.	6	71 Tauri	4.6	A.	1 36.7	244	−0.1	+2.0	23.6
	6	ϑ^2 Tauri	3.6	E.	1 52.1	62	−0.2	+2.0	23.6
	6	ϑ^1 Tauri	4.0	E.	1 57.9	39	0.0	+2.5	23.6
	6	ϑ^1 Tauri	4.0	A.	2 53.3	289	−1.1	+0.9	23.6
	6	ϑ^2 Tauri	3.6	A.	2 58.5	266	−0.8	+1.6	23.6
	6	α Tauri	1.1	E.	6 56.9	18	—	—	23.8
	6	α Tauri	1.1	A.	7 40.9	318	—	—	23.8
	20	BD −18° 4372	6.5	E.	19 26.7	57	−1.6	+0.1	8.7
	22	BD −19° 5273	6.1	E.	19 50.8	20	—	—	10.7
	22	BD −19° 5312	5.4	E.	22 16.2	67	−1.2	−0.4	10.8
	27	27 Piscium	5.1	A.	23 34.4	178	—	—	15.9
	28	29 Piscium	5.2	A.	2 7.9	218	−1.0	+0.9	16.0
	30	υ Piscium	4.7	A.	1 5.5	265	−1.7	+0.8	18.1
Sept.	4	130 Tauri	5.5	A.	0 31.9	124	+0.1	+2.1	23.0
	18	BD −19° 5154	6.5	E.	19 54.8	82	−1.4	−0.6	8.2
	21	BD −13° 6027	6.1	E.	23 57.2	31	−0.4	+0.5	11.3
	25	89 Piscium	5.3	A.	22 53.7	272	−1.8	+0.6	[illegible]

Sternbedeckungen 1942

Ein- und Austritte für München

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1942			m		h m	°	m	m	d
Sept.	29	89 Tauri	5.8	A.	23 10.9	208	0.0	+3.1	19.3
Okt.	6	18 Leonis	5.9	A.	3 40.6	238	−0.5	+3.0	25.5
	7	49 Leonis	5.8	A.	3 6.8	283	−0.2	+1.1	26.5
	17	BD −17° 5992	6.8	E.	18 53.7	90	−1.6	−0.5	7.6
	18	BD −14° 6047	6.8	E.	21 35.8	91	−1.2	−1.2	8.7
	21	29 Piscium	5.2	E.	16 51.3	47	−0.5	+2.1	11.6
	21	4 Ceti	6.3	E.	20 20.7	80	−1.6	+0.8	11.7
	21	5 Ceti	6.3	E.	20 41.5	71	−1.6	+0.8	11.7
	26	48 Tauri	6.4	A.	20 46.2	246	−0.4	+1.9	16.7
	26	γ Tauri	3.9	E.	21 56.7	95	−1.1	+1.2	16.8
	26	γ Tauri	3.9	A.	23 6.9	230	−1.0	+2.2	16.8
	27	70 Tauri	6.4	A.	3 0.9	219	−1.5	+1.5	16.9
	27	75 Tauri	5.3	A.	4 58.0	297	−0.8	−2.5	17.0
	29	BD +18° 1349	6.2	A.	21 12.8	221	+0.5	+2.5	19.8
	30	74 Geminorum	5.2	A.	22 27.6	279	−0.1	+1.3	20.8
Nov.	12	BD −20° 5415 *m*	6.3	E.	17 9.5	95	−1.3	−1.0	4.1
	16	83 Aquarii *m*	5.6	E.	21 29.3	59	−0.9	−0.3	8.2
	20	ν Piscium	4.7	E.	1 45.5	114	−0.5	−2.6	11.4
Dez.	13	BD −10° 5975	7.2	E.	16 11.9	99	−1.9	−0.1	5.6
	17	BD +6° 324	6.9	E.	17 33.6	109	−1.9	+0.4	9.7
	20	BD +15° 637	4.8	E.	16 32.9	60	−0.1	+2.0	12.7
	20	α Tauri	1.1	E.	19 37.5	73	−1.3	+1.6	12.8
	20	α Tauri	1.1	A.	20 59.3	254	−1.7	+1.0	12.8
	26	o² Cancri	5.6	A.	3 26.0	1	—	—	18.0
	26	o¹ Cancri	5.2	A.	3 55.3	281	−1.4	−1.4	18.0
	27	45 Leonis	5.9	A.	23 31.8	237	−0.9	+3.3	19.9
	28	ρ Leonis	3.8	A.	3 10.4	243	−2.5	+1.6	20.0

Ein- und Austritte für Wien

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1942			m		h m	°	m	m	d
Jan.	8	80 Leonis	6.4	A.	0 25.9	355	—	—	20.6
	9	13 Virginis	5.9	A.	2 1.8	303	−1.2	−0.1	21.7
	11	BD −8° 3689	6.5	A.	1 50.1	297	−0.6	+0.6	23.7
	11	95 Virginis	5.5	A.	2 48.8	338	−0.4	−1.1	23.7
	11	ϰ Virginis	4.3	E.	5 47.9	133	−1.3	−1.0	23.8
	24	BD +10° 352	6.8	E.	19 42.9	49	−1.3	+0.4	7.9
	24	85 Ceti	6.3	E.	21 45.7	79	−0.6	−1.2	8.0
	26	γ Tauri	3.9	E.	22 41.5	121	−0.7	−2.7	10.0
	29	26 Geminorum	5.1	E.	17 10.7	153	—	—	12.9
Febr.	5	38 Virginis	6.2	A.	23 3.3	278	−0.8	+1.1	20.1
	9	BD −14° 4266	6.4	A.	1 41.9	357	—	—	23.2
	28	BD +16° 1679	6.6	E.	0 9.2	35	—	—	12.6
März	3	56 Leonis	6.0	E.	0 38.8	45	—	—	15.6
	3	56 Leonis	6.0	A.	1 5.8	4	—	—	15.6
	5	72 Virginis	6.1	A.	22 17.5	295	−0.8	+0.5	18.5
	19	BD +7° 313	7.2	E.	18 16.5	63	−0.3	−0.7	2.7
	21	BD +13° 579	6.9	E.	18 49.7	83	−0.7	−1.3	4.8
	22	ϑ¹ Tauri	4.0	E.	19 4.4	94	−0.9	−1.6	5.8
	22	ϑ² Tauri	3.6	E.	19 11.8	118	−0.7	−2.5	5.8
	22	BD +15° 633 *m*	6.6	E.	19 27.8	49	−1.0	0.0	5.8
	22	BD +15° 637	4.8	E.	20 20.9	47	−0.7	−0.1	5.8
	22	BD +15° 640	6.7	E.	20 23.8	60	−0.6	−0.7	5.8
	22	85 Tauri	6.0	E.	21 5.4	142	+0.4	−3.4	5.8
	24	BD +17° 1182	5.7	E.	22 36.3	72	−0.3	−1.1	7.9
	25	BD +17° 1479	6.2	E.	21 21.0	44	−1.6	+0.5	8.9
April	2	95 Virginis	5.5	A.	22 37.1	309	−1.0	−0.3	16.9

Ein- und Austritte für Wien

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1942			m		h m	°	m	m	d
April	3	ϰ Virginis	4.3	E.	1 37.1	168	−0.7	−2.4	17.1
	3	ϰ Virginis	4.3	A.	2 16.1	233	−1.8	+0.2	17.1
	22	BD +17° 1596	5.6	E.	18 53.5	120	−1.0	−2.1	7.2
	26	56 Leonis	6.0	E.	19 13.2	105	−1.7	−0.3	11.2
	27	β Virginis	3.8	E.	20 42.6	83	−1.9	0.0	12.3
Mai	16	α Tauri	1.1	E.	11 58.7	81	−1.8	+0.3	1.3
	16	α Tauri	1.1	A.	13 24.8	257	−1.7	−0.3	1.3
	22	R Leonis	5.0−10.5	E.	19 32.0	54	−2.0	+0.2	7.6
	24	89 Leonis	5.8	E.	23 17.4	103	−0.3	−1.7	9.7
	25	13 Virginis	5.9	E.	19 24.3	170	−0.5	−2.8	10.6
	25	η Virginis	4.0	E.	19 40.9	110	−1.5	−0.9	10.6
Juni	19	44 Leonis	5.9	E.	20 29.1	104	−0.3	−1.7	5.9
	22	38 Virginis	6.2	E.	19 47.9	160	−0.7	−2.5	8.9
	25	η Librae	5.6	E.	21 2.9	119	−1.4	−0.8	12.0
Juli	17	59 Leonis	5.1	E.	19 38.5	140	0.0	−2.2	4.3
	20	72 Virginis	6.1	E.	19 48.3	153	−0.7	−2.4	7.3
	20	74 Virginis	4.8	E.	20 22.4	75	−0.9	−1.2	7.3
Aug.	3	μ Ceti	4.4	A.	23 9.3	266	−0.1	+1.6	21.5
	6	ϑ² Tauri	3.6	E.	1 53.6	66	−0.4	+2.0	23.6
	6	ϑ¹ Tauri	4.0	E.	1 58.6	43	−0.2	+2.5	23.6
	6	ϑ¹ Tauri	4.0	A.	2 58.9	284	−1.2	+1.0	23.6
	6	α Tauri	1.1	E.	7 3.6	22	—	—	23.8
	6	α Tauri	1.1	A.	7 50.0	316	—	—	23.8
	20	BD −18° 4372	6.5	E.	19 34.1	56	−1.4	−0.1	8.7
	22	BD −19° 5273	6.1	E.	19 58.0	21	—	—	10.7
	22	BD −19° 5312	5.4	E.	22 21.5	70	−1.0	−0.6	10.8
	28	29 Piscium	5.2	A.	2 12.4	213	−0.9	+1.0	16.0
	30	υ Piscium	4.7	A.	1 13.7	260	−1.7	+0.8	18.1
Sept.	4	130 Tauri	5.5	A.	0 31.7	128	+0.1	+2.3	23.0
	16	24 Scorpii	5.0	E.	17 43.0	70	−1.4	−0.5	6.1
	16	BD −17° 4616	6.6	E.	17 47.5	144	−1.4	−1.9	6.1
	18	BD −19° 5154	6.5	E.	20 1.1	84	−1.3	−0.8	8.2
	21	BD −13° 6027	6.1	E.	23 59.2	36	−0.4	+0.2	11.3
	25	89 Piscium	5.3	A.	23 2.4	266	−1.8	+0.6	15.3
	29	89 Tauri	5.8	A.	23 11.0	201	0.0	+3.5	19.3
Okt.	6	18 Leonis	5.9	A.	3 43.9	237	−0.7	+3.0	25.5
	7	49 Leonis	5.8	A.	3 7.9	281	−0.3	+1.1	26.5
	17	BD −17° 5992	6.8	E.	19 1.3	94	−1.6	−0.8	7.6
	18	BD −14° 6047	6.8	E.	21 41.3	97	−1.1	−1.5	8.7
	21	29 Piscium	5.2	E.	16 54.2	48	−0.6	+2.1	11.6
	21	4 Ceti	6.3	E.	20 28.8	85	−1.8	+0.4	11.7
	21	5 Ceti	6.3	E.	20 49.2	76	−1.7	+0.5	11.7
	26	48 Tauri	6.4	A.	20 48.5	242	−0.5	+2.0	16.7
	26	γ Tauri	3.9	E.	22 3.0	100	−1.4	+1.0	16.8
	26	γ Tauri	3.9	A.	23 12.2	225	−1.1	+2.3	16.8
	27	70 Tauri	6.4	A.	3 8.4	219	−1.5	+1.3	16.9
	29	BD +18° 1349 *m*	6.2	A.	21 10.6	216	+0.5	+2.8	19.8
	30	74 Geminorum	5.2	A.	22 28.7	275	−0.2	+1.4	20.8
Nov.	12	BD −20° 5415 *m*	6.3	E.	17 15.4	99	−1.2	−1.2	4.1
	15	38 Aquarii	5.4	E.	21 7.5	359	—	—	7.2
	16	83 Aquarii *m*	5.6	E.	21 33.3	63	−0.8	−0.5	8.2
	20	υ Piscium	4.7	E.	1 47.3	113	−0.3	−2.5	11.4
Dez.	13	BD −10° 5975	7.2	E.	16 21.4	104	−2.0	−0.5	5.6
	17	BD +6° 324	6.9	E.	17 43.9	117	−2.4	−0.3	9.7
	20	BD +15° 637	4.8	E.	16 33.6	64	−0.2	+2.0	12.7
	20	α Tauri	1.1	E.	19 44.3	78	−1.5	+1.3	12.8
	20	α Tauri	1.1	A.	21 7.8	251	−1.7	+1.0	12.8
	26	o¹ Cancri	5.2	A.	4 1.3	286	−1.2	−1.6	18.0
	27	45 Leonis	5.9	A.	23 37.2	238	−1.2	+3.2	19.9
	28	ρ Leonis	3.8	A.	3 21.9	251	−2.3	+0.7	20.0

Mond 1942

0ʰ Welt-Zeit	Mondbewegung				Lage des Mondäquators gegen den Erdäquator							
	☊	$L_☾$	$\tilde{\omega}_☾$	$M_☾$	i		Δ		☊′		$\Delta-♈$	
1942	°	°	°	°	°		°		°		°	
Jan. −5	167.1617	3.8926	242.65	121.24	24.947	3	347.900	499	359.189	33	0.739	31
+5	166.6322	135.6566	243.77	251.89	24.944	3	347.401	500	359.156	33	0.770	30
15	166.1027	267.4205	244.88	22.54	24.941	3	346.901	500	359.123	32	0.800	30
25	165.5731	39.1845	246.00	153.19	24.938	3	346.401	499	359.091	33	0.830	29
Febr. 4	165.0436	170.9485	247.11	283.84	24.935	4	345.902	500	359.058	32	0.859	30
14	164.5140	302.7124	248.22	54.49	24.931	4	345.402	500	359.026	33	0.889	30
24	163.9845	74.4764	249.34	185.14	24.927	4	344.902	500	358.993	32	0.919	30
März 6	163.4550	206.2404	250.45	315.79	24.923	4	344.402	500	358.961	33	0.949	29
16	162.9254	338.0043	251.57	86.44	24.919	4	343.902	500	358.928	32	0.978	30
26	162.3959	109.7683	252.68	217.09	24.915	4	343.402	500	358.896	33	1.008	29
April 5	161.8663	241.5323	253.79	347.74	24.911	4	342.902	500	358.863	32	1.037	30
15	161.3368	13.2962	254.91	118.39	24.907	4	342.402	500	358.831	32	1.067	29
25	160.8073	145.0602	256.02	249.04	24.903	4	341.902	501	358.799	32	1.096	29
Mai 5	160.2777	276.8242	257.14	19.69	24.899	5	341.401	500	358.767	32	1.125	30
15	159.7482	48.5881	258.25	150.34	24.894	5	340.901	501	358.735	32	1.155	29
25	159.2186	180.3521	259.36	280.99	24.889	5	340.400	500	358.703	32	1.184	29
Juni 4	158.6891	312.1161	260.48	51.64	24.884	5	339.900	501	358.671	32	1.213	29
14	158.1596	83.8800	261.59	182.29	24.879	5	339.399	501	358.639	31	1.242	29
24	157.6300	215.6440	262.71	312.94	24.874	5	338.898	500	358.608	32	1.271	28
Juli 4	157.1005	347.4080	263.82	83.59	24.869	6	338.398	501	358.576	31	1.299	29
14	156.5709	119.1719	264.93	214.24	24.863	5	337.897	501	358.545	32	1.328	29
24	156.0414	250.9359	266.05	344.89	24.858	6	337.396	501	358.513	31	1.357	28
Aug. 3	155.5119	22.6999	267.16	115.54	24.852	5	336.895	501	358.482	31	1.385	28
13	154.9823	154.4638	268.28	246.19	24.847	6	336.394	502	358.451	30	1.413	29
23	154.4528	286.2278	269.39	16.84	24.841	5	335.892	501	358.421	31	1.442	28
Sept. 2	153.9232	57.9918	270.50	147.49	24.836	6	335.391	501	358.390	31	1.470	28
12	153.3937	189.7557	271.62	278.14	24.830	6	334.890	502	358.359	30	1.498	28
22	152.8642	321.5197	272.73	48.79	24.824	6	334.388	502	358.329	31	1.526	28
Okt. 2	152.3346	93.2837	273.85	179.44	24.818	7	333.886	502	358.298	30	1.554	27
12	151.8051	225.0476	274.96	310.09	24.811	6	333.384	502	358.268	31	1.581	28
22	151.2756	356.8116	276.07	80.74	24.805	7	332.882	502	358.237	30	1.609	28
Nov. 1	150.7460	128.5756	277.19	211.39	24.798	7	332.380	502	358.207	30	1.637	27
11	150.2165	260.3395	278.30	342.04	24.791	7	331.878	503	358.177	30	1.664	27
21	149.6869	32.1035	279.42	112.69	24.784	7	331.375	502	358.147	29	1.691	28
Dez. 1	149.1574	163.8675	280.53	243.34	24.777	7	330.873	503	358.118	30	1.719	27
11	148.6279	295.6315	281.64	13.99	24.770	7	330.370	502	358.088	30	1.746	27
21	148.0983	67.3954	282.76	144.64	24.763	7	329.868	502	358.058	29	1.773	26
31	147.5688	199.1594	283.87	275.29	24.756	7	329.366	503	358.029	29	1.799	27
41	147.0393	330.9234	284.99	45.94	24.749		328.863		358.000		1.826	

Tag		0h Welt-Zeit								
		$\alpha_{☾} - \alpha_k$			$\delta_{☾} - \delta_k$			log sin p_k		
1942										
Jan.	1	− 4.82s	+2.15s	+0.03s	+147.4″	+ 1.7″	−8.5″	8.19992	+200	+ 67
	2	− 2.67	+1.97	−0.18	+149.1	− 6.8	−8.5	8.20192	+254	+ 54
	3	− 0.70	+1.60	−0.37	+142.3	−14.4	−7.6	8.20446	+298	+ 44
	4	+ 0.90	+1.11	−0.49	+127.9	−20.2	−5.8	8.20744	+336	+ 38
	5	+ 2.01	+0.56	−0.55	+107.7	−23.6	−3.4	8.21080	+370	+ 34
	6	+ 2.57	+0.05	−0.51	+ 84.1	−24.8	−1.2	8.21450	+402	+ 32
	7	+ 2.62	−0.38	−0.43	+ 59.3	−24.3	+0.5	8.21852	+433	+ 31
	8	+ 2.24	−0.74	−0.36	+ 35.0	−22.2	+2.1	8.22285	+459	+ 26
	9	+ 1.50	−1.01	−0.27	+ 12.8	−19.2	+3.0	8.22744	+473	+ 14
	10	+ 0.49	−1.23	−0.22	− 6.4	−15.6	+3.6	8.23217	+466	− 7
	11	− 0.74		−0.20	− 22.0		+3.5	8.23683		− 38
Jan.	24	−12.31s	+1.11s		+ 62.8″	+27.8″		8.20409	−303	
	25	−11.20	+1.51	+0.40s	+ 90.6	+24.7	−3.1″	8.20106	−164	+139
	26	− 9.69	+1.87	+0.36	+115.3	+19.5	−5.2	8.19942	− 28	+136
	27	− 7.82	+2.11	+0.24	+134.8	+12.4	−7.1	8.19914	+ 96	+124
	28	− 5.71	+2.18	+0.07	+147.2	+ 4.0	−8.4	8.20010	+204	+108
	29	− 3.53	+2.03	−0.15	+151.2	− 4.6	−8.6	8.20214	+288	+ 84
	30	− 1.50	+1.66	−0.37	+146.6	−12.4	−7.8	8.20502	+348	+ 60
	31	+ 0.16	+1.12	−0.54	+134.2	−18.5	−6.1	8.20850	+383	+ 35
Febr.	1	+ 1.28	+0.52	−0.60	+115.7	−22.4	−3.9	8.21233	+396	+ 13
	2	+ 1.80	−0.04	−0.56	+ 93.3	−24.1	−1.7	8.21629	+391	− 5
	3	+ 1.76	−0.51	−0.47	+ 69.2	−23.8	+0.3	8.22020	+372	− 19
	4	+ 1.25	−0.85	−0.34	+ 45.4	−22.2	+1.6	8.22392	+347	− 25
	5	+ 0.40	−1.05	−0.20	+ 23.2	−20.0	+2.2	8.22739	+319	− 28
	6	− 0.65	−1.16	−0.11	+ 3.2	−17.3	+2.7	8.23058	+290	− 29
	7	− 1.81	−1.19	−0.03	− 14.1	−14.5	+2.8	8.23348	+258	− 32
	8	− 3.00	−1.17	+0.02	− 28.6	−11.7	+2.8	8.23606	+217	− 41
	9	− 4.17	−1.14	+0.03	− 40.3	− 8.7	+3.0	8.23823	+165	− 52
	10	− 5.31		+0.03	− 49.0		+2.9	8.23988		− 71
Febr.	23	− 8.32s	+2.08s		+131.8″	+14.2″		8.19996	− 11	
	24	− 6.24	+2.25	+0.17s	+146.0	+ 6.2	−8.0″	8.19985	+130	+141
	25	− 3.99	+2.19	−0.06	+152.2	− 2.5	−8.7	8.20115	+258	+128
	26	− 1.80	+1.87	−0.32	+149.7	−10.7	−8.2	8.20373	+366	+108
	27	+ 0.07	+1.34	−0.53	+139.0	−17.4	−6.7	8.20739	+446	+ 80
	28	+ 1.41	+0.69	−0.65	+121.6	−21.8	−4.4	8.21185	+492	+ 46
März	1	+ 2.10	0.00	−0.69	+ 99.8	−23.8	−2.0	8.21677	+503	+ 11
	2	+ 2.10	−0.60	−0.60	+ 76.0	−23.5	+0.3	8.22180	+478	− 25
	3	+ 1.50	−1.07	−0.47	+ 52.5	−21.8	+1.7	8.22658	+420	− 58
	4	+ 0.43	−1.37	−0.30	+ 30.7	−19.3	+2.5	8.23078	+339	− 81
	5	− 0.94	−1.51	−0.14	+ 11.4	−16.9	+2.4	8.23417	+248	− 91
	6	− 2.45	−1.51	0.00	− 5.5	−14.8	+2.1	8.23665	+156	− 92
	7	− 3.96	−1.39	+0.12	− 20.3	−12.9	+1.9	8.23821	+ 70	− 86
	8	− 5.35	−1.20	+0.19	− 33.2	−10.9	+2.0	8.23891	− 3	− 73
	9	− 6.55	−0.98	+0.22	− 44.1	− 8.3	+2.6	8.23888	− 65	− 62
	10	− 7.53	−0.78	+0.20	− 52.4	− 5.1	+3.2	8.23823	−120	− 55
	11	− 8.31		+0.13	− 57.5		+4.0	8.23703		− 50

Mondkrater Mösting A. 1942

Tag		0h Welt-Zeit								
		$\alpha_{☾}-\alpha_k$			$\delta_{☾}-\delta_k$			$\log \sin p_k$		
1942										
März	25	− 2.15 s	+2.13 s		+150.3″	− 8.9″		8.20124	+288	
	26	− 0.02	+1.70	−0.43 s	+141.4	−16.4	−7.5″	8.20412	+414	+126
	27	+ 1.68	+1.09	−0.61	+125.0	−21.7	−5.3	8.20826	+517	+103
	28	+ 2.77	+0.37	−0.72	+103.3	−24.3	−2.6	8.21343	+588	+ 71
	29	+ 3.14	−0.34	−0.71	+ 79.0	−24.5	−0.2	8.21931	+617	+ 29
	30	+ 2.80	−0.96	−0.62	+ 54.5	−22.5	+2.0	8.22548	+597	− 20
	31	+ 1.84	−1.46	−0.50	+ 32.0	−19.2	+3.3	8.23145	+528	− 69
April	1	+ 0.38	−1.79	−0.33	+ 12.8	−15.9	+3.3	8.23673	+415	−113
	2	− 1.41	−1.96	−0.17	− 3.1	−13.2	+2.7	8.24088	+271	−144
	3	− 3.37	−1.94	+0.02	− 16.3	−11.5	+1.7	8.24359	+114	−157
	4	− 5.31	−1.77	+0.17	− 27.8	−10.6	+0.9	8.24473	− 38	−152
	5	− 7.08	−1.46	+0.31	− 38.4	− 9.5	+1.1	8.24435	−168	−130
	6	− 8.54	−1.08	+0.38	− 47.9	− 7.4	+2.1	8.24267	−267	− 99
	7	− 9.62	−0.74	+0.34	− 55.3	− 4.1	+3.3	8.24000	−336	− 69
	8	−10.36	−0.50	+0.24	− 59.4	+ 0.5	+4.6	8.23664	−376	− 40
	9	−10.86		+0.14	− 58.9		+5.2	8.23288		− 20
April	23	+ 1.35 s	+1.50 s		+126.8″	−21.0″		8.20366	+424	
	24	+ 2.85	+0.87	−0.63 s	+105.8	−24.9	−3.9″	8.20790	+541	+117
	25	+ 3.72	+0.19	−0.68	+ 80.9	−26.0	−1.1	8.21331	+633	+ 92
	26	+ 3.91	−0.47	−0.66	+ 54.9	−24.6	+1.4	8.21964	+689	+ 56
	27	+ 3.44	−1.06	−0.59	+ 30.3	−21.2	+3.4	8.22653	+695	+ 6
	28	+ 2.38	−1.56	−0.50	+ 9.1	−16.8	+4.4	8.23348	+642	− 53
	29	+ 0.82	−1.95	−0.39	− 7.7	−12.5	+4.3	8.23990	+530	−112
	30	− 1.13	−2.19	−0.24	− 20.2	− 9.2	+3.3	8.24520	+366	−164
Mai	1	− 3.32	−2.27	−0.08	− 29.4	− 7.6	+1.6	8.24886	+167	−199
	2	− 5.59	−2.14	+0.13	− 37.0	− 7.2	+0.4	8.25053	− 42	−209
	3	− 7.73	−1.83	+0.31	− 44.2	− 7.0	+0.2	8.25011	−233	−191
	4	− 9.56	−1.40	+0.43	− 51.2	− 5.6	+1.4	8.24778	−388	−155
	5	−10.96	−0.96	+0.44	− 56.8	− 2.4	+3.2	8.24390	−495	−107
	6	−11.92	−0.61	+0.35	− 59.2	+ 2.4	+4.8	8.23895	−552	− 57
	7	−12.53	−0.36	+0.25	− 56.8	+ 8.0	+5.6	8.23343	−564	− 12
	8	−12.89	−0.21	+0.15	− 48.8	+13.7	+5.7	8.22779	−545	+ 19
	9	−13.10		+0.12	− 35.1		+5.1	8.22234		+ 40
Mai	23	+ 3.89 s	+0.08 s		+ 57.9″	−26.6″		8.21255	+618	
	24	+ 3.97	−0.47	−0.55 s	+ 31.3	−24.1	+2.5″	8.21873	+691	+ 73
	25	+ 3.50	−0.95	−0.48	+ 7.2	−19.8	+4.3	8.22564	+723	+ 32
	26	+ 2.55	−1.39	−0.44	− 12.6	−14.6	+5.2	8.23287	+701	− 22
	27	+ 1.16	−1.78	−0.39	− 27.2	− 9.5	+5.1	8.23988	+616	− 85
	28	− 0.62	−2.10	−0.32	− 36.7	− 5.6	+3.9	8.24604	+468	−148
	29	− 2.72	−2.31	−0.21	− 42.3	− 3.5	+2.1	8.25072	+268	−200
	30	− 5.03	−2.34	−0.03	− 45.8	− 3.1	+0.4	8.25340	+ 35	−233
	31	− 7.37		+0.19	− 48.9		−0.2	8.25375		−234

Tag		0h Welt-Zeit								
		$\alpha_{☾}-\alpha_k$			$\delta_{☾}-\delta_k$			log sin p_k		
1942										
Mai	31	− 7.37 s	−2.15 s	+0.19 s	− 48.9″	− 3.3″	−0.2″	8.25375	−199	−234
Juni	1	− 9.52	−1.77	+0.38	− 52.2	− 2.7	+0.6	8.25176	−403	−204
	2	−11.29	−1.32	+0.45	− 54.9	0.0	+2.7	8.24773	−556	−153
	3	−12.61	−0.91	+0.41	− 54.9	+ 4.7	+4.7	8.24217	−648	− 92
	4	−13.52	−0.57	+0.34	− 50.2	+10.3	+5.6	8.23569	−681	− 33
	5	−14.09	−0.29	+0.28	− 39.9	+16.0	+5.7	8.22888	−664	+ 17
	6	−14.38	−0.05	+0.24	− 23.9	+21.0	+5.0	8.22224	−609	+ 55
	7	−14.43		+0.26	− 2.9		+3.7	8.21615		+ 77
Juni	21	+ 3.20 s	−0.43 s		+ 11.6″	−22.7″		8.21809	+625	
	22	+ 2.77	−0.77	−0.34 s	− 11.1	−18.1	+4.6″	8.22434	+668	+ 43
	23	+ 2.00	−1.10	−0.33	− 29.2	−12.6	+5.5	8.23102	+671	+ 3
	24	+ 0.90	−1.42	−0.32	− 41.8	− 7.2	+5.4	8.23773	+621	− 50
	25	− 0.52	−1.75	−0.33	− 49.0	− 2.7	+4.5	8.24394	+511	−110
	26	− 2.27	−2.05	−0.30	− 51.7	+ 0.1	+2.8	8.24905	+342	−169
	27	− 4.32	−2.23	−0.18	− 51.6	+ 1.0	+0.9	8.25247	+129	−213
	28	− 6.55	−2.22	+0.01	− 50.6	+ 0.8	−0.2	8.25376	−106	−235
	29	− 8.77	−2.02	+0.20	− 49.8	+ 1.2	+0.4	8.25270	−332	−226
	30	−10.79	−1.66	+0.36	− 48.6	+ 3.3	+2.1	8.24938	−519	−187
Juli	1	−12.45	−1.25	+0.41	− 45.3	+ 7.2	+3.9	8.24419	−648	−129
	2	−13.70	−0.85	+0.40	− 38.1	+12.5	+5.3	8.23771	−713	− 65
	3	−14.55	−0.47	+0.38	− 25.6	+18.0	+5.5	8.23058	−718	− 5
	4	−15.02	−0.10	+0.37	− 7.6	+22.5	+4.5	8.22340	−672	+ 46
	5	−15.12	+0.28	+0.38	+ 14.9	+25.6	+3.1	8.21668	−590	+ 82
	6	−14.84	+0.69	+0.41	+ 40.5	+26.8	+1.2	8.21078	−487	+103
	7	−14.15		+0.42	+ 67.3		−1.1	8.20591		+115
Juli	21	+ 0.69 s	−0.84 s		− 38.9″	−10.6″		8.22975	+557	
	22	− 0.15	−1.05	−0.21 s	− 49.5	− 5.3	+5.3″	8.23532	+528	− 29
	23	− 1.20	−1.32	−0.27	− 54.8	− 0.7	+4.6	8.24060	+456	− 72
	24	− 2.52	−1.62	−0.30	− 55.5	+ 2.5	+3.2	8.24516	+336	−120
	25	− 4.14	−1.88	−0.26	− 53.0	+ 4.2	+1.7	8.24852	+169	−167
	26	− 6.02	−2.03	−0.15	− 48.8	+ 4.7	+0.5	8.25021	− 27	−196
	27	− 8.05	−1.99	+0.04	− 44.1	+ 5.2	+0.5	8.24994	−233	−206
	28	−10.04	−1.78	+0.21	− 38.9	+ 6.9	+1.7	8.24761	−422	−189
	29	−11.82	−1.45	+0.33	− 32.0	+10.3	+3.4	8.24339	−568	−146
	30	−13.27	−1.05	+0.40	− 21.7	+14.8	+4.5	8.23771	−661	− 93
	31	−14.32	−0.62	+0.43	− 6.9	+19.5	+4.7	8.23110	−693	− 32
Aug.	1	−14.94	−0.15	+0.47	+ 12.6	+23.3	+3.8	8.22417	−671	+ 22
	2	−15.09	+0.33	+0.48	+ 35.9	+25.5	+2.2	8.21746	−603	+ 68
	3	−14.76	+0.83	+0.50	+ 61.4	+25.7	+0.2	8.21143	−503	+100
	4	−13.93	+1.34	+0.51	+ 87.1	+23.4	−2.3	8.20640	−383	+120
	5	−12.59		+0.44	+110.5		−4.7	8.20257		+132

Tag		0ʰ Welt-Zeit								
		$\alpha_{☾}-\alpha_k$			$\delta_{☾}-\delta_k$			log sin p_k		
1942										
Aug.	19	− 1.90ˢ	−0.83ˢ		− 51.1″	− 3.7″		8.23440	+360	
	20	− 2.73	−0.99	−0.16ˢ	− 54.8	+ 0.6	+4.3″	8.23800	+309	− 51
	21	− 3.72	−1.21	−0.22	− 54.2	+ 3.9	+3.3	8.24109	+229	− 80
	22	− 4.93	−1.45	−0.24	− 50.3	+ 6.1	+2.2	8.24338	+118	−111
	23	− 6.38	−1.64	−0.19	− 44.2	+ 7.4	+1.3	8.24456	− 21	−139
	24	− 8.02	−1.69	−0.05	− 36.8	+ 8.7	+1.3	8.24435	−174	−153
	25	− 9.71	−1.61	+0.08	− 28.1	+10.6	+1.9	8.24261	−326	−152
	26	−11.32	−1.38	+0.23	− 17.5	+13.5	+2.9	8.23935	−458	−132
	27	−12.70	−1.04	+0.34	− 4.0	+17.1	+3.6	8.23477	−555	− 97
	28	−13.74	−0.61	+0.43	+ 13.1	+20.8	+3.7	8.22922	−605	− 50
	29	−14.35	−0.11	+0.50	+ 33.9	+23.6	+2.8	8.22317	−605	0
	30	−14.46	+0.43	+0.54	+ 57.5	+24.6	+1.0	8.21712	−562	+ 43
	31	−14.03	+1.00	+0.57	+ 82.1	+23.3	−1.3	8.21150	−480	+ 82
Sept.	1	−13.03	+1.54	+0.54	+105.4	+19.8	−3.5	8.20670	−367	+113
	2	−11.49	+1.98	+0.44	+125.2	+14.0	−5.8	8.20303	−237	+130
	3	− 9.51	+2.25	+0.27	+139.2	+ 6.3	−7.7	8.20066	−101	+136
	4	− 7.26		+0.05	+145.5		−8.4	8.19965		+137
Sept.	18	− 5.72ˢ	−0.97ˢ		− 50.1″	+ 4.4″		8.23876	+ 42	
	19	− 6.69	−1.09	−0.12ˢ	− 45.7	+ 7.0	+2.6″	8.23918	− 26	− 68
	20	− 7.78	−1.21	−0.12	− 38.7	+ 9.2	+2.2	8.23892	−106	− 80
	21	− 8.99	−1.26	−0.05	− 29.5	+11.3	+2.1	8.23786	−196	− 90
	22	−10.25	−1.21	+0.05	− 18.2	+13.8	+2.5	8.23590	−290	− 94
	23	−11.46	−1.05	+0.16	− 4.4	+16.6	+2.8	8.23300	−377	− 87
	24	−12.51	−0.78	+0.27	+ 12.2	+19.4	+2.8	8.22923	−446	− 69
	25	−13.29	−0.39	+0.39	+ 31.6	+21.9	+2.5	8.22477	−491	− 45
	26	−13.68	+0.10	+0.49	+ 53.5	+23.3	+1.4	8.21986	−502	− 11
	27	−13.58	+0.66	+0.56	+ 76.8	+22.8	−0.5	8.21484	−476	+ 26
	28	−12.92	+1.22	+0.56	+ 99.6	+20.1	−2.7	8.21008	−415	+ 61
	29	−11.70	+1.74	+0.52	+119.7	+15.2	−4.9	8.20593	−324	+ 91
	30	− 9.96	+2.13	+0.39	+134.9	+ 8.3	−6.9	8.20269	−208	+116
Okt.	1	− 7.83	+2.30	+0.17	+143.2	+ 0.1	−8.2	8.20061	− 75	+133
	2	− 5.53	+2.23	−0.07	+143.3	− 8.2	−8.3	8.19986	+ 65	+140
	3	− 3.30	+1.93	−0.30	+135.1	−15.7	−7.5	8.20051	+203	+138
	4	− 1.37		−0.48	+119.4		−5.8	8.20254		+126
Okt.	17	− 8.98ˢ	−0.92ˢ		− 41.2″	+ 7.4″		8.23763	−230	
	18	− 9.90	−0.89	+0.03ˢ	− 33.8	+10.4	+3.0″	8.23533	−269	− 39
	19	−10.79	−0.85	+0.04	− 23.4	+13.5	+3.1	8.23264	−303	− 34
	20	−11.64	−0.76	+0.09	− 9.9	+16.5	+3.0	8.22961	−333	− 30
	21	−12.40	−0.60	+0.16	+ 6.6	+19.3	+2.8	8.22628	−362	− 29
	22	−13.00	−0.34	+0.26	+ 25.9	+21.5	+2.2	8.22266	−385	− 23
	23	−13.34	+0.03	+0.37	+ 47.4	+22.7	+1.2	8.21881	−398	− 13
	24	−13.31	+0.48	+0.45	+ 70.1	+22.5	−0.2	8.21483	−397	+ 1
	25	−12.83	+0.99	+0.51	+ 92.6	+20.3	−2.2	8.21086	−374	+ 23
	26	−11.84		+0.52	+112.9		−4.2	8.20712		+ 47

Tag		0h Welt-Zeit								
		$\alpha_☾ - \alpha_k$			$\delta_☾ - \delta_k$			log sin p_k		
1942		s	s	s	"	"	"			
Okt.	26	−11.84	+1.51	+0.52	+112.9	+16.1	−4.2	8.20712	−327	+47
	27	−10.33	+1.95	+0.44	+129.0	+9.9	−6.2	8.20385	−255	+72
	28	−8.38	+2.22	+0.27	+138.9	+2.1	−7.8	8.20130	−161	+94
	29	−6.16	+2.27	+0.05	+141.0	−6.3	−8.4	8.19969	−46	+115
	30	−3.89	+2.10	−0.17	+134.7	−14.0	−7.7	8.19923	+84	+130
	31	−1.79	+1.73	−0.37	+120.7	−20.5	−6.5	8.20007	+221	+137
Nov.	1	−0.06	+1.22	−0.51	+100.2	−24.8	−4.3	8.20228	+356	+135
	2	+1.16		−0.56	+75.4		−1.7	8.20584		+182
Nov.	15	−12.10	−0.78		−28.6	+11.4		8.23497	−464	
	16	−12.88	−0.60	+0.18	−17.2	+15.3	+3.9	8.23033	−463	+1
	17	−13.48	−0.40	+0.20	−1.9	+18.7	+3.4	8.22570	−445	+18
	18	−13.88	−0.16	+0.24	+16.8	+21.4	+2.7	8.22125	−419	+26
	19	−14.04	+0.14	+0.30	+38.2	+23.0	+1.6	8.21706	−389	+30
	20	−13.90	+0.51	+0.37	+61.2	+22.9	−0.1	8.21317	−357	+32
	21	−13.39	+0.95	+0.44	+84.1	+21.1	−1.8	8.20960	−323	+34
	22	−12.44	+1.40	+0.45	+105.2	+17.3	−3.8	8.20637	−285	+38
	23	−11.04	+1.82	+0.42	+122.5	+11.5	−5.8	8.20352	−237	+48
	24	−9.22	+2.13	+0.31	+134.0	+4.1	−7.4	8.20115	−176	+61
	25	−7.09	+2.24	+0.11	+138.1	−4.1	−8.2	8.19939	−100	+76
	26	−4.85	+2.16	−0.08	+134.0	−12.1	−8.0	8.19839	−9	+91
	27	−2.69	+1.89	−0.27	+121.9	−19.1	−7.0	8.19830	+99	+108
	28	−0.80	+1.48	−0.41	+102.8	−24.2	−5.1	8.19929	+219	+120
	29	+0.68	+1.01	−0.47	+78.6	−27.0	−2.8	8.20148	+345	+126
	30	+1.69	+0.55	−0.46	+51.6	−27.4	−0.4	8.20493	+470	+125
Dez.	1	+2.24	+0.13	−0.42	+24.2	−25.6	+1.8	8.20963	+582	+112
	2	+2.37		−0.39	−1.4		+3.8	8.21545		+89
Dez.	15	−15.13	−0.21		+8.7	+20.2		8.22507	−584	
	16	−15.34	+0.15	+0.36	+28.9	+22.8	+2.6	8.21923	−521	+63
	17	−15.19	+0.54	+0.39	+51.7	+23.5	+0.7	8.21402	−448	+73
	18	−14.65	+0.96	+0.42	+75.2	+22.2	−1.3	8.20954	−372	+76
	19	−13.69	+1.40	+0.44	+97.4	+18.9	−3.3	8.20582	−299	+73
	20	−12.29	+1.79	+0.39	+116.3	+13.5	−5.4	8.20283	−230	+69
	21	−10.50	+2.09	+0.30	+129.8	+6.5	−7.0	8.20053	−163	+67
	22	−8.41	+2.24	+0.15	+136.3	−1.6	−8.1	8.19890	−97	+66
	23	−6.17	+2.18	−0.06	+134.7	−9.9	−8.3	8.19793	−31	+66
	24	−3.99	+1.94	−0.24	+124.8	−17.2	−7.3	8.19762	+41	+72
	25	−2.05	+1.59	−0.35	+107.6	−22.8	−5.6	8.19803	+124	+83
	26	−0.46	+1.18	−0.41	+84.8	−26.4	−3.6	8.19927	+216	+92
	27	+0.72	+0.79	−0.39	+58.4	−27.8	−1.4	8.20143	+317	+101
	28	+1.51	+0.44	−0.35	+30.6	−27.1	+0.7	8.20460	+421	+104
	29	+1.95	+0.15	−0.29	+3.5	−24.3	+2.8	8.20881	+525	+104
	30	+2.10	−0.08	−0.23	−20.8	−19.9	+4.4	8.21406	+619	+94
	31	+2.02	−0.30	−0.22	−40.7	−14.1	+5.8	8.22025	+688	+69
	32	+1.72		−0.26	−54.8		+6.8	8.22713		+29

Jupitertrabanten 1942

Verfinsterungen: E. Eintritte, A. Austritte (in Welt-Zeit)

TRABANT I

Monat	Tag	h	m	
Jan.	0	10	43.0	A.
	2	5	11.8	A.
	3	23	40.6	A.
	5	18	9.5	A.
	7	12	38.4	A.
	9	7	7.2	A.
	11	1	36.1	A.
	12	20	5.0	A.
	14	14	33.9	A.
	16	9	2.7	A.
	18	3	31.7	A.
	19	22	0.5	A.
	21	16	29.5	A.
	23	10	58.3	A.
	25	5	27.3	A.
	26	23	56.1	A.
	28	18	25.1	A.
	30	12	53.9	A.
Febr.	1	7	22.9	A.
	3	1	51.7	A.
	4	20	20.7	A.
	6	14	49.5	A.
	8	9	18.5	A.
	10	3	47.4	A.
	11	22	16.3	A.
	13	16	45.2	A.
	15	11	14.2	A.
	17	5	43.0	A.
	19	0	12.0	A.
	20	18	40.9	A.
	22	13	9.8	A.
	24	7	38.7	A.
	26	2	7.6	A.
	27	20	36.5	A.
März	1	15	5.4	A.
	3	9	34.3	A.
	5	4	3.2	A.
	6	22	32.0	A.
	8	17	1.0	A.
	10	11	29.8	A.
	12	5	58.8	A.
	14	0	27.6	A.
	15	18	56.6	A.
	17	13	25.4	A.
	19	7	54.3	A.
	21	2	23.1	A.
	22	20	52.0	A.
	24	15	20.8	A.
	26	9	49.7	A.
	28	4	18.5	A.

TRABANT I

Monat	Tag	h	m	
März	29	22	47.4	A.
	31	17	16.2	A.
April	2	11	45.1	A.
	4	6	13.9	A.
	6	0	42.8	A.
	7	19	11.6	A.
	9	13	40.4	A.
	11	8	9.2	A.
	13	2	38.0	A.
	14	21	6.8	A.
	16	15	35.6	A.
	18	10	4.4	A.
	20	4	33.2	A.
	21	23	2.0	A.
	23	17	30.8	A.
	25	11	59.5	A.
	27	6	28.3	A.
	29	0	57.0	A.
	30	19	25.8	A.
Mai	2	13	54.5	A.
	4	8	23.3	A.
	6	2	52.0	A.
	7	21	20.7	A.
	9	15	49.4	A.
	11	10	18.1	A.
	13	4	46.8	A.
	14	23	15.5	A.
	16	17	44.2	A.
	18	12	12.9	A.
	20	6	41.6	A.
	22	1	10.3	A.
	23	19	38.9	A.
	25	14	7.6	A.
	27	8	36.3	A.
	29	3	4.9	A.
	30	21	33.5	A.
Juni	1	16	2.2	A.

Monat	Tag	h	m	
Juli	17	14	10.6	E.
	19	8	39.0	E.
	21	3	7.5	E.
	22	21	36.0	E.
	24	16	4.4	E.
	26	10	32.9	E.
	28	5	1.3	E.
	29	23	29.7	E.
	31	17	58.2	E.

TRABANT I

Monat	Tag	h	m	
Aug.	2	12	26.6	E.
	4	6	55.0	E.
	6	1	23.4	E.
	7	19	51.8	E.
	9	14	20.3	E.
	11	8	48.7	E.
	13	3	17.1	E.
	14	21	45.5	E.
	16	16	13.8	E.
	18	10	42.2	E.
	20	5	10.6	E.
	21	23	39.0	E.
	23	18	7.4	E.
	25	12	35.8	E.
	27	7	4.1	E.
	29	1	32.5	E.
	30	20	0.9	E.
Sept.	1	14	29.3	E.
	3	8	57.6	E.
	5	3	26.0	E.
	6	21	54.3	E.
	8	16	22.7	E.
	10	10	51.1	E.
	12	5	19.4	E.
	13	23	47.8	E.
	15	18	16.1	E.
	17	12	44.5	E.
	19	7	12.8	E.
	21	1	41.2	E.
	22	20	9.5	E.
	24	14	37.9	E.
	26	9	6.2	E.
	28	3	34.6	E.
	29	22	2.9	E.
Okt.	1	16	31.3	E.
	3	10	59.6	E.
	5	5	28.0	E.
	6	23	56.3	E.
	8	18	24.7	E.
	10	12	53.0	E.
	12	7	21.4	E.
	14	1	49.7	E.
	15	20	18.1	E.
	17	14	46.4	E.
	19	9	14.8	E.
	21	3	43.1	E.
	22	22	11.5	E.
	24	16	39.8	E.
	26	11	8.2	E.
	28	5	36.5	E.

TRABANT I

Monat	Tag	h	m	
Okt.	30	0	5.0	E.
	31	18	33.3	E.
Nov.	2	13	1.7	E.
	4	7	30.0	E.
	6	1	58.5	E.
	7	20	26.8	E.
	9	14	55.2	E.
	11	9	23.6	E.
	13	3	52.0	E.
	14	22	20.4	E.
	16	16	48.9	E.
	18	11	17.2	E.
	20	5	45.7	E.
	22	0	14.1	E.
	23	18	42.6	E.
	25	13	11.0	E.
	27	7	39.5	E.
	29	2	7.9	E.
	30	20	36.4	E.
Dez.	2	15	4.8	E.
	4	9	33.3	E.
	6	4	1.7	E.
	7	22	30.3	E.
	9	16	58.7	E.
	11	11	27.3	E.
	13	5	55.7	E.
	15	0	24.3	E.
	16	18	52.8	E.
	18	13	21.4	E.
	20	7	49.9	E.
	22	2	18.5	E.
	23	20	47.0	E.
	25	15	15.6	E.
	27	9	44.1	E.
	29	4	12.8	E.
	30	22	41.3	E.
	32	17	9.9	E.

TRABANT II

Monat	Tag	h	m	
Jan.	1	11	7.2	A.
	5	0	24.9	A.
	8	13	42.7	A.
	12	3	0.5	A.
	15	16	18.4	A.
	19	5	36.3	A.
	22	18	54.3	A.
	26	8	12.2	A.
	29	21	30.3	A.

Verfinsterungen: E. Eintritte, A. Austritte (in Welt-Zeit)

TRABANT II

		h m	
Febr.	2	10 48.4	A.
	6	0 6.6	A.
	9	13 24.8	A.
	13	2 43.0	A.
	16	16 1.3	A.
	20	5 19.6	A.
	23	18 38.0	A.
	27	7 56.3	A.
März	2	21 14.8	A.
	6	10 33.2	A.
	9	23 51.8	A.
	13	13 10.2	A.
	17	2 28.9	A.
	20	15 47.3	A.
	24	5 6.1	A.
	27	18 24.6	A.
	31	7 43.5	A.
April	3	21 2.0	A.
	7	10 20.9	A.
	10	23 39.5	A.
	14	12 58.5	A.
	18	2 17.0	A.
	21	15 36.1	A.
	25	4 54.7	A.
	28	18 13.8	A.
Mai	2	7 32.4	A.
	5	20 51.6	A.
	9	10 10.1	A.
	12	23 29.4	A.
	16	12 47.9	A.
	20	2 7.2	A.
	23	15 25.7	A.
	27	4 45.0	A.
	30	18 3.5	A.
Juli	19	9 39.0	E.
	22	22 58.0	E.
	26	12 16.0	E.
	30	1 34.9	E.
Aug.	2	14 52.9	E.
	6	4 11.7	E.
	9	17 29.7	E.
	13	6 48.4	E.
	16	20 6.3	E.
	20	9 24.9	E.
	23	22 42.7	E.
	27	12 1.3	E.
	31	1 19.0	E.
Sept.	3	14 37.4	E.
	7	3 55.1	E.
	10	17 13.4	E.
	14	6 31.0	E.
	17	19 49.2	E.
	21	9 6.8	E.
	24	22 24.9	E.
	28	11 42.3	E.
Okt.	2	1 0.3	E.
	5	14 17.7	E.
	9	3 35.6	E.
	12	16 52.9	E.
	16	6 10.6	E.
	19	19 27.9	E.
	23	8 45.6	E.
	26	22 2.8	E.
	30	11 20.5	E.
Nov.	3	0 37.5	E.
	6	13 55.0	E.
	10	3 12.1	E.
	13	16 29.5	E.
	17	5 46.6	E.
	20	19 3.9	E.
	24	8 21.0	E.
	27	21 38.2	E.
Dez.	1	10 55.3	E.
	5	0 12.5	E.
	8	13 29.6	E.
	12	2 46.7	E.
	15	16 3.8	E.
	19	5 20.9	E.
	22	18 38.0	E.
	26	7 55.2	E.
	29	21 12.3	E.

TRABANT III

		h m	
Jan.	5	4 48.9	E.
	5	7 27.3	A.
	12	8 49.5	E.
	12	11 29.1	A.
	19	12 50.9	E.
	19	15 31.6	A.
	26	16 51.6	E.
	26	19 33.3	A.
Febr.	2	20 52.3	E.
	2	23 35.2	A.
Febr.	10	0 52.5	E.
	10	3 36.5	A.
	17	4 52.8	E.
	17	7 37.9	A.
	24	8 53.4	E.
	24	11 39.6	A.
März	3	12 54.1	E.
	3	15 41.4	A.
	10	16 55.5	E.
	10	19 43.9	A.
	17	20 56.2	E.
	17	23 45.7	A.
	25	0 56.8	E.
	25	3 47.3	A.
April	1	4 56.8	E.
	1	7 48.4	A.
	8	8 56.7	E.
	8	11 49.4	A.
	15	12 56.9	E.
	15	15 50.8	A.
	22	16 57.3	E.
	22	19 52.2	A.
	29	20 58.2	E.
	29	23 54.2	A.
Mai	7	0 58.3	E.
	7	3 55.3	A.
	14	7 56.3	A.
	21	11 56.7	A.
	28	15 57.0	A.
Juli	17	16 52.2	E.
	24	20 51.2	E.
Aug.	1	0 50.2	E.
	8	4 49.8	E.
	15	8 48.5	E.
	15	11 59.1	A.
	22	12 47.0	E.
	22	15 58.5	A.
	29	16 45.1	E.
	29	19 57.4	A.
Sept.	5	20 43.2	E.
	5	23 56.3	A.
	13	0 41.7	E.
	13	3 55.9	A.
	20	4 40.3	E.
	20	7 55.3	A.
	27	8 39.4	E.
	27	11 55.3	A.

TRABANT III

		h m	
Okt.	4	12 37.8	E.
	4	15 54.4	A.
	11	16 36.0	E.
	11	19 53.5	A.
	18	20 33.8	E.
	18	23 52.1	A.
	26	0 31.7	E.
	26	3 50.8	A.
Nov.	2	4 30.2	E.
	2	7 50.1	A.
	9	8 28.7	E.
	9	11 49.4	A.
	16	12 27.8	E.
	16	15 49.3	A.
	23	16 26.4	E.
	23	19 48.5	A.
	30	20 24.8	E.
	30	23 47.7	A.
Dez.	8	0 22.9	E.
	15	4 21.3	E.
	22	8 20.4	E.
	29	12 19.5	E.

TRABANT IV

		h m	
Juli	27	5 29.9	E.
	27	6 10.6	A.
Aug.	12	23 17.9	E.
	13	0 35.8	A.
	29	17 11.8	E.
	29	18 54.2	A.
Sept.	15	11 7.6	E.
	15	13 9.7	A.
Okt.	2	5 4.3	E.
	2	7 22.6	A.
	18	23 2.0	E.
	19	1 34.9	A.
Nov.	4	16 59.9	E.
	4	19 46.0	A.
	21	10 58.2	E.
	21	13 56.3	A.
Dez.	8	4 57.7	E.
	8	8 6.5	A.
	24	22 57.5	E.
	25	2 16.6	A.

Saturn und Saturnsring 1942

0h Welt-Zeit		α	β	p_α	a	b	U′	B′	P′
1942		"	"	"	"	"	°	°	°
Jan.	−1	19.82	18.08	+0.03	44.64	−17.23	245.739	−23.811	+11.155
	+7	19.58	17.86	0.04	44.11	17.00	246.052	23.874	11.018
	15	19.33	17.63	0.04	43.53	16.77	246.365	23.937	10.880
	23	19.06	17.38	0.05	42.92	16.55	246.679	23.999	10.742
	31	18.78	17.13	0.05	42.30	16.35	246.993	24.060	10.604
Febr.	8	18.51	16.88	+0.05	41.68	−16.17	247.307	−24.121	+10.465
	16	18.24	16.64	0.05	41.08	16.00	247.622	24.181	10.326
	24	17.98	16.41	0.05	40.50	15.85	247.937	24.241	10.186
März	4	17.74	16.19	0.05	39.95	15.73	248.253	24.300	10.046
	12	17.51	15.98	0.04	39.44	15.63	248.569	24.358	9.906
	20	17.30	15.79	+0.04	38.97	−15.56	248.885	−24.416	+ 9.765
	28	17.11	15.63	0.03	38.55	15.51	249.202	24.473	9.624
April	5	16.95	15.49	0.02	38.18	15.48	249.519	24.529	9.482
	13	16.81	15.37	0.02	37.87	15.47	249.837	24.585	9.340
	21	16.70	15.27	0.01	37.61	15.48	250.155	24.640	9.197
	29	16.61	15.19	+0.01	37.40	−15.51	250.473	−24.694	+ 9.054
Mai	7	16.54	15.13	0.00	37.25	15.56	250.792	24.748	8.911
	15	16.50	15.10	0.00	37.16	15.63	251.111	24.801	8.767
	23	16.49	15.09	0.00	37.13	15.71	251.430	24.853	8.623
	31	16.50	15.10	0.00	37.15	15.81	251.750	24.905	8.479
Juni	8	16.53	15.14	0.00	37.23	−15.93	252.070	−24.956	+ 8.334
	16	16.59	15.20	−0.01	37.37	16.07	252.390	25.006	8.189
	24	16.67	15.28	0.01	37.56	16.22	252.711	25.056	8.043
Juli	2	16.78	15.38	0.02	37.80	16.39	253.032	25.105	7.897
	10	16.91	15.50	0.02	38.10	16.57	253.353	25.153	7.751
	18	17.07	15.64	−0.03	38.45	−16.76	253.675	−25.201	+ 7.604
	26	17.25	15.81	0.03	38.85	16.97	253.997	25.248	7.457
Aug.	3	17.45	15.99	0.04	39.30	17.20	254.320	25.294	7.310
	11	17.67	16.19	0.05	39.79	17.44	254.643	25.340	7.162
	19	17.90	16.41	0.05	40.32	17.69	254.966	25.385	7.014
	27	18.15	16.64	−0.05	40.89	−17.94	255.289	−25.429	+ 6.866
Sept.	4	18.42	16.89	0.06	41.49	18.20	255.613	25.473	6.717
	12	18.69	17.14	0.06	42.10	18.47	255.937	25.516	6.568
	20	18.97	17.39	0.05	42.72	18.74	256.261	25.558	6.419
	28	19.24	17.64	0.05	43.34	19.00	256.585	25.599	6.270
Okt.	6	19.51	17.89	−0.04	43.95	−19.25	256.910	−25.640	+ 6.120
	14	19.77	18.12	0.04	44.52	19.48	257.235	25.680	5.970
	22	20.00	18.33	0.03	45.05	19.69	257.561	25.719	5.820
	30	20.20	18.52	0.02	45.51	19.87	257.887	25.758	5.669
Nov.	7	20.37	18.67	0.01	45.89	20.00	258.213	25.796	5.518
	15	20.50	18.79	−0.01	46.18	−20.09	258.539	−25.833	+ 5.367
	23	20.58	18.86	0.00	46.36	20.14	258.866	25.870	5.215
Dez.	1	20.61	18.89	0.00	46.43	20.14	259.193	25.906	5.063
	9	20.59	18.87	0.00	46.38	20.08	259.520	25.941	4.911
	17	20.52	18.80	+0.01	46.22	19.98	259.847	25.975	4.759
	25	20.40	18.69	0.01	45.95	19.84	260.175	26.008	4.607
	33	20.24	18.54	+0.02	45.58	−19.66	260.503	−26.041	+ 4.454

Saturn und Saturnsring 1942

0^h Welt-Zeit		U	B	P	$\log \frac{(\Delta)}{\Delta}$
1942		°	°	°	
Jan.	—1	282.800	—22.706	—1.548	0.05479
	+3	282.625	22.686	1.527	0.05225
	7	282.479	22.672	1.509	0.04957
	11	282.362	22.665	1.495	0.04676
	15	282.276	22.666	1.485	0.04384
	19	282.221	—22.673	—1.479	0.04083
	23	282.198	22.688	1.476	0.03774
	27	282.207	22.710	1.477	0.03460
	31	282.248	22.739	1.482	0.03143
Febr.	4	282.320	22.775	1.491	0.02823
	8	282.423	—22.817	—1.503	0.02503
	12	282.557	22.866	1.520	0.02184
	16	282.722	22.921	1.540	0.01867
	20	282.916	22.982	1.564	0.01554
	24	283.139	23.048	1.591	0.01247
	28	283.390	—23.119	—1.621	0.00946
März	4	283.667	23.195	1.655	0.00653
	8	283.971	23.275	1.692	0.00369
	12	284.299	23.359	1.731	0.00094
	16	284.651	23.446	1.774	9.99829
	20	285.025	—23.536	—1.819	9.99576
	24	285.421	23.628	1.867	9.99335
	28	285.836	23.723	1.917	9.99107
April	1	286.270	23.819	1.969	9.98892
	5	286.721	23.916	2.024	9.98690
	9	287.189	—24.014	—2.080	9.98503
	13	287.672	24.112	2.138	9.98331
	17	288.169	24.210	2.197	9.98174
	21	288.678	24.307	2.258	9.98032
	25	289.198	24.404	2.320	9.97907
	29	289.728	—24.500	—2.383	9.97797
Mai	3	290.267	24.594	2.447	9.97703
	7	290.813	24.687	2.512	9.97625
	11	291.365	24.778	2.577	9.97564
	15	291.922	24.866	2.643	9.97519
	19	292.482	—24.952	—2.709	9.97491
	23	293.045	25.035	2.775	9.97479
	27	293.609	25.115	2.841	9.97484
	31	294.173	25.193	2.907	9.97505
Juni	4	294.735	25.267	2.972	9.97543
	8	295.295	—25.338	—3.037	9.97597
	12	295.851	25.405	3.101	9.97667
	16	296.402	25.469	3.164	9.97754
	20	296.946	25.529	3.226	9.97856
	24	297.483	25.586	3.287	9.97974
	28	298.010	25.639	3.347	9.98107
Juli	2	298.527	—25.689	—3.405	9.98255

0^h Welt-Zeit		U	B	P	$\log \frac{(\Delta)}{\Delta}$
1942		°	°	°	
Juli	2	298.527	—25.689	—3.405	9.98255
	6	299.033	25.735	3.462	9.98418
	10	299.526	25.777	3.517	9.98596
	14	300.005	25.815	3.571	9.98788
	18	300.468	25.850	3.622	9.98994
	22	300.914	—25.881	—3.671	9.99212
	26	301.343	25.909	3.718	9.99443
	30	301.753	25.934	3.763	9.99687
Aug.	3	302.142	25.956	3.805	9.99942
	7	302.509	25.975	3.845	0.00207
	11	302.854	—25.991	—3.882	0.00482
	15	303.174	26.004	3.916	0.00767
	19	303.469	26.014	3.948	0.01060
	23	303.737	26.022	3.976	0.01360
	27	303.978	26.027	4.002	0.01667
	31	304.191	—26.031	—4.025	0.01979
Sept.	4	304.374	26.032	4.044	0.02295
	8	304.527	26.031	4.060	0.02614
	12	304.649	26.028	4.073	0.02934
	16	304.739	26.023	4.082	0.03254
	20	304.798	—26.017	—4.088	0.03573
	24	304.824	26.010	4.090	0.03888
	28	304.817	26.001	4.089	0.04199
Okt.	2	304.778	25.991	4.085	0.04504
	6	304.707	25.979	4.077	0.04801
	10	304.604	—25.966	—4.066	0.05088
	14	304.470	25.951	4.051	0.05364
	18	304.306	25.936	4.034	0.05626
	22	304.113	25.919	4.013	0.05873
	26	303.892	25.901	3.989	0.06104
	30	303.646	—25.882	—3.963	0.06316
Nov.	3	303.376	25.862	3.934	0.06508
	7	303.084	25.841	3.902	0.06678
	11	302.773	25.819	3.868	0.06826
	15	302.445	25.797	3.833	0.06949
	19	302.104	—25.774	—3.796	0.07047
	23	301.752	25.751	3.758	0.07120
	27	301.393	25.728	3.719	0.07166
Dez.	1	301.030	25.704	3.679	0.07184
	5	300.667	25.680	3.639	0.07176
	9	300.306	—25.657	—3.599	0.07140
	13	299.951	25.635	3.560	0.07077
	17	299.605	25.614	3.521	0.06988
	21	299.272	25.594	3.484	0.06873
	25	298.954	25.576	3.449	0.06734
	29	298.655	25.560	3.416	0.06571
	33	298.376	—25.546	—3.385	0.06385

Saturnstrabanten 1942

0h Welt-Zeit		L	M	L	M	L	L	M	L	M
		MIMAS		ENCELADUS		TETHYS	DIONE		RHEA	
1942		°	°	°	°	°	°	°	°	°
Jan.	− 1	174.427	352.98	134.529	282.9	249.769	173.924	305.6	100.816	298.0
	+15	166.178	328.72	18.260	161.2	60.941	118.480	248.8	295.855	133.1
	31	157.929	304.46	261.992	39.5	232.114	63.036	192.0	130.895	328.2
Febr.	16	149.681	280.20	145.723	277.8	43.286	7.592	135.2	325.934	163.3
März	4	141.433	255.94	29.455	156.2	214.459	312.149	78.4	160.974	358.4
	20	133.185	231.68	273.186	34.5	25.632	256.705	21.6	356.013	193.5
Juli	26	67.219	37.60	63.024	141.1	315.012	173.156	287.4	116.329	314.2
Aug.	11	58.975	13.34	306.751	19.4	126.184	117.712	230.6	311.369	149.3
	27	50.732	349.08	190.477	257.7	297.357	62.269	173.8	146.408	344.4
Sept.	12	42.489	324.83	74.202	136.0	108.529	6.825	117.0	341.448	179.5
	28	34.246	300.57	317.926	14.4	279.701	311.382	60.2	176.487	14.6
Okt.	14	26.004	276.32	201.649	252.7	90.874	255.939	3.4	11.527	209.6
	30	17.762	252.07	85.371	131.0	262.046	200.496	306.6	206.566	44.7
Nov.	15	9.521	227.81	329.092	9.3	73.218	145.052	249.8	41.606	239.8
Dez.	1	1.280	203.55	212.812	247.6	244.391	89.609	193.0	236.645	74.9
	17	353.040	179.30	96.531	126.0	55.563	34.166	136.2	71.685	270.0
	33	344.800	155.05	340.248	4.3	226.735	338.724	79.4	266.724	105.0

0h Welt-Zeit		L	M	L	M	e	log a	L	M
		TITAN		HYPERION				JAPETUS	
1942		°	°	°	°			°	°
Jan.	− 1	126.240	306.08	24.636	157.64	0.11524	2.33065	145.016	191.28
	+15	127.472	307.29	295.591	69.31	0.11613	2.33088	217.626	263.88
	31	128.705	308.50	206.325	340.75	0.11703	2.33112	290.235	336.48
Febr.	16	129.938	309.71	116.837	251.95	0.11792	2.33135	2.844	49.08
März	4	131.170	310.91	27.132	162.91	0.11878	2.33157	75.454	121.68
	20	132.403	312.12	297.220	73.66	0.11959	2.33179	148.063	194.29
Juli	26	142.265	321.80	293.204	74.66	0.12335	2.33254	8.939	55.10
Aug.	11	143.498	323.01	202.571	344.63	0.12339	2.33248	81.548	127.70
	27	144.730	324.22	112.020	254.69	0.12334	2.33238	154.157	200.31
Sept.	12	145.963	325.43	21.583	164.87	0.12320	2.33224	226.767	272.91
	28	147.196	326.64	291.289	75.20	0.12298	2.33207	299.376	345.51
Okt.	14	148.428	327.85	201.164	345.71	0.12268	2.33189	11.986	58.11
	30	149.661	329.05	111.227	256.41	0.12233	2.33169	84.595	130.71
Nov.	15	150.894	330.26	21.494	167.32	0.12194	2.33148	157.204	203.32
Dez.	1	152.126	331.47	291.977	78.46	0.12152	2.33125	229.814	275.92
	17	153.359	332.68	202.681	349.83	0.12109	2.33101	302.423	348.52
	33	154.592	333.89	113.607	261.43	0.12066	2.33078	15.033	61.12

Bewegung der mittleren Länge L und der mittleren Anomalie M

Zeit	Mimas		Enceladus		Tethys	Dione		Rhea		Titan		Japetus	
	L	M	L	M	L	L	M	L	M	L	M	L	M
d	°	°	°	°	°	°	°	°	°	°	°	°	°
1	21.9847	20.984	262.7328	262.39	190.6983	131.5348	131.45	79.6900	79.69	22.5770	22.576	4.5381	4.538
2	43.9695	41.968	165.4657	164.79	21.3966	263.0696	262.90	159.3799	159.39	45.1541	45.151	9.0762	9.075
3	65.9542	62.952	68.1985	67.18	212.0948	34.6043	34.35	239.0699	239.08	67.7311	67.727	13.6143	13.612
4	87.9390	83.936	330.9314	329.58	42.7931	166.1391	165.80	318.7599	318.78	90.3081	90.302	18.1524	18.150
5	109.9237	104.920	233.6642	231.97	233.4914	297.6739	297.25	38.4498	38.47	112.8852	112.878	22.6905	22.688
6	131.9085	125.904	136.3971	134.36	64.1897	69.2087	68.70	118.1398	118.16	135.4622	135.454	27.2286	27.225
7	153.8932	146.888	39.1299	36.76	254.8880	200.7435	200.15	197.8298	197.86	158.0392	158.029	31.7667	31.762
8	175.8780	167.872	301.8627	299.15	85.5862	332.2782	331.60	277.5197	277.55	180.6162	180.605	36.3048	36.300
9	197.8627	188.857	204.5956	201.54	276.2845	103.8130	103.05	357.2097	357.24	203.1933	203.181	40.8428	40.838
10	219.8475	209.841	107.3284	103.94	106.9828	235.3478	234.50	76.8997	76.94	225.7703	225.756	45.3809	45.375
11	241.8322	230.825	10.0613	6.33	297.6811	6.8826	5.95	156.5897	156.63	248.3473	248.332	49.9190	49.912
12	263.8170	251.809	272.7941	268.72	128.3794	138.4174	137.40	236.2796	236.32	270.9244	270.908	54.4571	54.450
13	285.8017	272.793	175.5270	171.12	319.0777	269.9522	268.85	315.9696	316.02	293.5014	293.483	58.9952	58.988
14	307.7865	293.777	78.2598	73.51	149.7759	41.4869	40.30	35.6596	35.71	316.0784	316.059	63.5333	63.525
15	329.7712	314.761	340.9927	335.91	340.4742	173.0217	171.75	115.3495	115.41	338.6555	338.634	68.0714	68.062
16	351.7560	335.745	243.7255	238.30	171.1725	304.5565	303.20	195.0395	195.10	361.2325	361.210	72.6095	72.600
d	°	°	°	°	°	°	°	°	°	°	°	°	°
0.1	38.1985	38.098	26.2733	26.24	19.0698	13.1535	13.14	7.9690	7.97	2.2577	2.258	0.4538	0.454
0.2	76.3969	76.197	52.5465	52.48	38.1397	26.3070	26.29	15.9380	15.94	4.5154	4.515	0.9076	0.908
0.3	114.5954	114.295	78.8198	78.72	57.2095	39.4604	39.44	23.9070	23.91	6.7731	6.773	1.3614	1.361
0.4	152.7939	152.394	105.0931	104.96	76.2793	52.6139	52.58	31.8760	31.88	9.0308	9.030	1.8152	1.815
0.5	190.9924	190.492	131.3664	131.20	95.3491	65.7674	65.72	39.8450	39.85	11.2885	11.288	2.2690	2.269
0.6	229.1908	228.590	157.6397	157.44	114.4190	78.9209	78.87	47.8140	47.81	13.5462	13.545	2.7229	2.722
0.7	267.3893	266.689	183.9130	183.68	133.4888	92.0743	92.02	55.7830	55.78	15.8039	15.803	3.1767	3.176
0.8	305.5878	304.787	210.1863	209.92	152.5586	105.2278	105.16	63.7520	63.75	18.0616	18.060	3.6305	3.630
0.9	343.7863	342.886	236.4596	236.15	171.6285	118.3813	118.30	71.7210	71.72	20.3193	20.318	4.0843	4.084
1.0	381.9847	380.984	262.7328	262.39	190.6983	131.5348	131.45	79.6900	79.69	22.5770	22.576	4.5381	4.538
d	°	°	°	°	°	°	°	°	°	°	°	°	°
0.01	3.8198	3.810	2.6273	2.62	1.9070	1.3153	1.31	0.7969	0.80	0.2258	0.226	0.0454	0.045
0.02	7.6397	7.620	5.2547	5.25	3.8140	2.6307	2.63	1.5938	1.59	0.4515	0.452	0.0908	0.091
0.03	11.4595	11.430	7.8820	7.87	5.7209	3.9460	3.94	2.3907	2.39	0.6773	0.677	0.1361	0.136
0.04	15.2794	15.239	10.5093	10.50	7.6279	5.2614	5.26	3.1876	3.19	0.9031	0.903	0.1815	0.182
0.05	19.0992	19.049	13.1366	13.12	9.5349	6.5767	6.57	3.9845	3.98	1.1289	1.129	0.2269	0.227
0.06	22.9191	22.859	15.7640	15.74	11.4419	7.8921	7.89	4.7814	4.78	1.3546	1.355	0.2723	0.272
0.07	26.7389	26.669	18.3913	18.37	13.3489	9.2074	9.20	5.5783	5.58	1.5804	1.580	0.3177	0.318
0.08	30.5588	30.479	21.0186	20.99	15.2559	10.5228	10.52	6.3752	6.38	1.8062	1.806	0.3630	0.363
0.09	34.3786	34.289	23.6460	23.62	17.1628	11.8381	11.83	7.1721	7.17	2.0319	2.032	0.4084	0.408
0.10	38.1985	38.098	26.2733	26.24	19.0698	13.1535	13.14	7.9690	7.97	2.2577	2.258	0.4538	0.454
d	°	°	°	°	°	°	°	°	°	°	°	°	°
0.001	0.3820	0.381	0.2627	0.26	0.1907	0.1315	0.13	0.0797	0.08	0.0226	0.023	0.0045	0.005
0.002	0.7640	0.762	0.5255	0.52	0.3814	0.2631	0.26	0.1594	0.16	0.0452	0.045	0.0091	0.009
0.003	1.1460	1.143	0.7882	0.79	0.5721	0.3946	0.39	0.2391	0.24	0.0677	0.068	0.0136	0.014
0.004	1.5279	1.524	1.0509	1.05	0.7628	0.5261	0.53	0.3188	0.32	0.0903	0.090	0.0182	0.018
0.005	1.9099	1.905	1.3137	1.31	0.9535	0.6577	0.66	0.3984	0.40	0.1129	0.113	0.0227	0.023
0.006	2.2919	2.286	1.5764	1.57	1.1442	0.7892	0.79	0.4781	0.48	0.1355	0.135	0.0272	0.027
0.007	2.6739	2.667	1.8391	1.84	1.3349	0.9207	0.92	0.5578	0.56	0.1580	0.158	0.0318	0.032
0.008	3.0559	3.048	2.1019	2.10	1.5256	1.0523	1.05	0.6375	0.64	0.1806	0.181	0.0363	0.036
0.009	3.4379	3.429	2.3646	2.36	1.7163	1.1838	1.18	0.7172	0.72	0.2032	0.203	0.0408	0.041
0.010	3.8198	3.810	2.6273	2.62	1.9070	1.3153	1.31	0.7969	0.80	0.2258	0.226	0.0454	0.045

0h Welt-Zeit	ϑ					γ	N	J	ω
	Mimas	Encel.	Tethys	Dione	Rhea	Rhea	Saturnsring		
1942	°	°	°	°	°	′	°	°	°
Jan. — 1	105.2	150.7	132.6	238.9	209.1	22.30	128.080	6.725	41.731
+15	89.2	144.1	129.5	237.6	208.7	22.29	128.082	6.725	41.730
31	73.2	137.4	126.3	236.2	208.3	22.29	128.083	6.724	41.729
Febr. 16	57.2	130.7	123.1	234.9	207.9	22.29	128.085	6.724	41.728
März 4	41.2	124.0	120.0	233.5	207.5	22.28	128.087	6.724	41.726
20	25.2	117.3	116.8	232.1	207.1	22.28	128.089	6.724	41.725
April 5	9.2	110.6	113.6	230.8	206.7	22.27	128.091	6.724	41.724
21	353.2	103.9	110.5	229.4	206.3	22.27	128.093	6.723	41.722
Mai 7	337.2	97.2	107.3	228.1	205.9	22.27	128.094	6.723	41.721
23	321.2	90.5	104.1	226.7	205.5	22.26	128.096	6.723	41.720
Juni 8	305.2	83.8	101.0	225.3	205.1	22.26	128.098	6.723	41.719
24	289.2	77.1	97.8	224.0	204.7	22.25	128.100	6.723	41.717
Juli 10	273.2	70.5	94.6	222.6	204.3	22.25	128.102	6.722	41.716
26	257.2	63.8	91.5	221.3	203.9	22.24	128.104	6.722	41.715
Aug. 11	241.2	57.1	88.3	219.9	203.4	22.23	128.106	6.722	41.713
27	225.2	50.4	85.1	218.5	203.0	22.23	128.107	6.722	41.712
Sept. 12	209.2	43.7	82.0	217.2	202.6	22.22	128.109	6.722	41.711
28	193.2	37.0	78.8	215.8	202.2	22.22	128.111	6.721	41.710
Okt. 14	177.2	30.3	75.6	214.5	201.8	22.21	128.113	6.721	41.708
30	161.2	23.6	72.5	213.1	201.4	22.20	128.115	6.721	41.707
Nov. 15	145.2	16.9	69.3	211.8	201.0	22.20	128.117	6.721	41.706
Dez. 1	129.2	10.2	66.1	210.4	200.6	22.19	128.118	6.721	41.704
17	113.2	3.5	63.0	209.0	200.2	22.19	128.120	6.720	41.703
33	97.2	356.8	59.8	207.7	199.8	22.18	128.122	6.720	41.702

$\log \frac{1}{1+\zeta}$, in Einheiten der 5. Dezimale

$u-U$		Mimas	Encel.	Tethys	Dione	Rhea	$u-U$	
0°	360°	−6+	−7+	−9+	−11+	−16+	180°	180°
10	350	−6+	−7+	−9+	−11+	−16+	170	190
20	340	−5+	−7+	−8+	−11+	−15+	160	200
30	330	−5+	−6+	−8+	−10+	−14+	150	210
40	320	−4+	−6+	−7+	− 9+	−12+	140	220
50	310	−3+	−5+	−6+	− 8+	−10+	130	230
60	300	−3+	−4+	−4+	− 6+	− 8+	120	240
70	290	−2+	−3+	−3+	− 4+	− 6+	110	250
80	280	−1+	−1+	−2+	− 2+	− 3+	100	260
90	270	0	0	0	0	0	90	270

0h Welt-Zeit		TITAN			HYPERION			JAPETUS		
		U	B	P	U	B	P	U	B	P
1942		°	°	°	°	°	°	°	°	°
Jan.	−1	286.888	−22.564	−2.022	282.051	−22.804	−1.476	3.872	−15.684	−15.004
	+7	286.569	22.533	1.985	281.734	22.770	1.438	3.567	15.720	15.006
	15	286.367	22.528	1.961	281.535	22.764	1.414	3.378	15.758	15.009
	23	286.290	22.551	1.952	281.461	22.786	1.405	3.312	15.796	15.012
	31	286.341	22.602	1.958	281.514	22.837	1.412	3.372	15.834	15.015
Febr.	8	286.518	−22.679	−1.980	281.694	−22.916	−1.434	3.556	−15.872	−15.019
	16	286.819	22.780	2.016	281.997	23.020	1.471	3.861	15.908	15.022
	24	287.238	22.904	2.066	282.418	23.148	1.523	4.282	15.941	15.025
März	4	287.768	23.047	2.129	282.951	23.296	1.589	4.811	15.971	15.027
	12	288.402	23.206	2.205	283.587	23.460	1.667	5.439	15.996	15.027
	20	289.130	−23.377	−2.292	284.317	−23.638	−1.757	6.157	−16.016	−15.023
	28	289.942	23.558	2.388	285.132	23.826	1.857	6.956	16.029	15.016
April	5	290.830	23.745	2.493	286.022	24.020	1.966	7.824	16.034	15.005
	13	291.783	23.934	2.605	286.978	24.217	2.083	8.752	16.030	14.988
	21	292.790	24.123	2.723	287.988	24.414	2.206	9.730	16.018	14.966
	29	293.841	−24.308	−2.845	289.043	−24.608	−2.334	10.746	−15.997	−14.937
Mai	7	294.927	24.487	2.970	290.132	24.796	2.465	11.791	15.966	14.902
	15	296.037	24.658	3.098	291.246	24.977	2.599	12.856	15.926	14.860
	23	297.162	24.819	3.226	292.375	25.147	2.734	13.930	15.877	14.812
	31	298.290	24.969	3.353	293.508	25.305	2.868	15.004	15.820	14.758
Juni	8	299.412	−25.106	−3.479	294.635	−25.451	−3.001	16.069	−15.755	−14.698
	16	300.519	25.230	3.602	295.747	25.583	3.132	17.116	15.682	14.633
	24	301.600	25.339	3.721	296.833	25.700	3.258	18.134	15.604	14.565
Juli	2	302.644	25.434	3.835	297.882	25.803	3.379	19.115	15.522	14.494
	10	303.643	25.515	3.942	298.886	25.891	3.494	20.051	15.436	14.422
	18	304.585	−25.583	−4.042	299.833	−25.965	−3.601	20.931	−15.348	−14.349
	26	305.460	25.637	4.134	300.713	26.025	3.700	21.746	15.261	14.278
Aug.	3	306.258	25.678	4.217	301.516	26.072	3.789	22.489	15.176	14.211
	11	306.970	25.708	4.291	302.233	26.107	3.868	23.149	15.095	14.148
	19	307.585	25.728	4.354	302.853	26.130	3.936	23.718	15.020	14.092
	27	308.094	−25.738	−4.405	303.367	−26.144	−3.992	24.189	−14.952	−14.044
Sept.	4	308.490	25.740	4.445	303.768	26.149	4.036	24.554	14.894	14.005
	12	308.766	25.735	4.473	304.047	26.145	4.066	24.806	14.848	13.978
	20	308.915	25.723	4.487	304.200	26.134	4.082	24.942	14.814	13.962
	28	308.936	25.706	4.488	304.224	26.117	4.084	24.959	14.794	13.959
Okt.	6	308.828	−25.684	−4.477	304.118	−26.095	−4.072	24.856	−14.789	−13.968
	14	308.592	25.658	4.453	303.884	26.068	4.047	24.636	14.798	13.990
	22	308.236	25.628	4.417	303.530	26.036	4.008	24.304	14.821	14.023
	30	307.771	25.595	4.369	303.067	25.999	3.957	23.871	14.858	14.065
Nov.	7	307.211	25.558	4.311	302.509	25.958	3.896	23.350	14.907	14.115
	15	306.575	−25.518	−4.246	301.873	−25.914	−3.826	22.758	−14.966	−14.171
	23	305.885	25.476	4.174	301.184	25.868	3.750	22.116	15.033	14.231
Dez.	1	305.166	25.434	4.099	300.466	25.820	3.670	21.446	15.105	14.291
	9	304.443	25.392	4.023	299.744	25.774	3.589	20.774	15.180	14.349
	17	303.745	25.353	3.949	299.047	25.731	3.510	20.124	15.255	14.404
	25	303.097	25.320	3.880	298.400	25.693	3.437	19.521	15.329	14.453
	33	302.521	−25.294	−3.819	297.826	−25.663	−3.372	18.987	−15.399	−14.496

0ʰ Welt-Zeit	HYPERION $\alpha_{tr}-\alpha_{pl}$	Diff.	HYPERION $\delta_{tr}-\delta_{pl}$	Diff.
1942	s	s	"	"
Jan. 1	+13.3	− 7.8	+78	+21
3	+ 5.5	− 9.2	+99	− 6
5	− 3.7	− 7.9	+93	−34
7	−11.6	− 3.4	+59	−56
9	−15.0	+ 3.3	+ 3	−56
11	−11.7	+ 8.9	−53	−30
13	− 2.8	+10.2	−83	+ 6
15	+ 7.4	+ 7.5	−77	+35
17	+14.9	+ 2.9	−42	+48
19	+17.8	− 1.8	+ 6	+46
21	+16.0	− 5.7	+52	+33
23	+10.3	− 8.3	+85	+12
25	+ 2.0	− 8.7	+97	−16
27	− 6.7	− 6.3	+81	−43
29	−13.0	− 1.0	+38	−56
31	−14.0	+ 5.5	−18	−48
Febr. 2	− 8.5	+ 9.5	−66	−16
4	+ 1.0	+ 9.2	−82	+18
6	+10.2	+ 5.7	−64	+39
8	+15.9	+ 1.2	−25	+47
10	+17.1	− 3.1	+22	+42
12	+14.0	− 6.6	+64	+25
14	+ 7.4	− 8.3	+89	+ 2
16	− 0.9	− 8.0	+91	−24
18	− 8.9	− 4.6	+67	−48
20	−13.5	+ 1.2	+19	−55
22	−12.3	+ 7.0	−36	−38
24	− 5.3	+ 9.5	−74	− 4
26	+ 4.2	+ 7.9	−78	+26
28	+12.1	+ 4.1	−52	+42
März 2	+16.2	− 0.2	−10	+46
4	+16.0	− 4.1	+36	+36
6	+11.9	− 7.0	+72	+18
8	+ 4.9	− 8.2	+90	− 5
10	− 3.3	− 7.1	+85	−32
12	−10.4	− 3.0	+53	−52
14	−13.4	+ 3.1	+ 1	−51
16	−10.3	+ 7.9	−50	−28
18	− 2.4	+ 9.0	−78	+ 6
20	+ 6.6		−72	

0ʰ Welt-Zeit	HYPERION $\alpha_{tr}-\alpha_{pl}$	Diff.	HYPERION $\delta_{tr}-\delta_{pl}$	Diff.
1942	s	s	"	"
Aug. 3	+14.4	− 6.2	+ 66	+28
5	+ 8.2	− 8.4	+ 94	+ 1
7	− 0.2	− 8.3	+ 95	−30
9	− 8.5	− 4.8	+ 65	−57
11	−13.3	+ 1.5	+ 8	−61
13	−11.8	+ 7.1	− 53	−36
15	− 4.7	+ 9.2	− 89	− 1
17	+ 4.5	+ 7.8	− 90	+29
19	+12.3	+ 4.6	− 61	+47
21	+16.9	+ 0.4	− 14	+50
23	+17.3	− 3.7	+ 36	+42
25	+13.6	− 7.2	+ 78	+22
27	+ 6.4	− 9.1	+100	− 7
29	− 2.7	− 8.1	+ 93	−41
31	−10.8	− 3.3	+ 52	−63
Sept. 2	−14.1	+ 3.5	− 11	−58
4	−10.6	+ 8.4	− 69	−28
6	− 2.2	+ 9.4	− 97	+ 9
8	+ 7.2	+ 7.3	− 88	+37
10	+14.5	+ 3.6	− 51	+51
12	+18.1	− 0.8	0	+51
14	+17.3	− 5.0	+ 51	+39
16	+12.3	− 8.4	+ 90	+15
18	+ 3.9	− 9.5	+105	−18
20	− 5.6	− 7.3	+ 87	−52
22	−12.9	− 1.3	+ 35	−68
24	−14.2	+ 5.5	− 33	−52
26	− 8.7	+ 9.5	− 85	−17
28	+ 0.8	+ 9.4	−102	+20
30	+10.2	+ 6.5	− 82	+45
Okt. 2	+16.7	+ 2.3	− 37	+54
4	+19.0	− 2.3	+ 17	+51
6	+16.7	− 6.5	+ 68	+34
8	+10.2	− 9.4	+102	+ 5
10	+ 0.8	− 9.6	+107	−32
12	− 8.8	− 5.9	+ 75	−62
14	−14.7	+ 1.2	+ 13	−69
16	−13.5	+ 7.7	− 56	−43
18	− 5.8	+10.2	− 99	− 3
20	+ 4.4		−102	

0ʰ Welt-Zeit	HYPERION $\alpha_{tr}-\alpha_{pl}$	Diff.	HYPERION $\delta_{tr}-\delta_{pl}$	Diff.
1942	s	s	"	"
Okt. 20	+ 4.4	+ 8.9	−102	+31
22	+13.3	+ 5.3	− 71	+52
24	+18.6	+ 0.7	− 19	+56
26	+19.3	− 4.0	+ 37	+48
28	+15.3	− 8.1	+ 85	+25
30	+ 7.2	−10.2	+110	− 8
Nov. 1	− 3.0	− 9.0	+102	−46
3	−12.0	− 3.5	+ 56	−70
5	−15.5	+ 4.0	− 14	−64
7	−11.5	+ 9.4	− 78	−29
9	− 2.1	+10.4	−107	+12
11	+ 8.3	+ 7.9	− 95	+41
13	+16.2	+ 3.6	− 54	+56
15	+19.8	− 1.2	+ 2	+56
17	+18.6	− 5.9	+ 58	+41
19	+12.7	− 9.4	+ 99	+14
21	+ 3.3	−10.3	+113	−23
23	− 7.0	− 7.4	+ 90	−59
25	−14.4	− 0.6	+ 31	−72
27	−15.0	+ 6.8	− 41	−53
29	− 8.2	+10.4	− 94	−13
Dez. 1	+ 2.2	+ 9.7	−107	+26
3	+11.9	+ 6.4	− 81	+49
5	+18.3	+ 1.7	− 32	+57
7	+20.0	− 3.3	+ 25	+52
9	+16.7	− 7.6	+ 77	+31
11	+ 9.1	−10.1	+108	0
13	− 1.0	− 9.6	+108	−39
15	−10.6	− 5.0	+ 69	−67
17	−15.6	+ 2.7	+ 2	−68
19	−12.9	+ 8.8	− 66	−37
21	− 4.1	+10.5	−103	+ 4
23	+ 6.4	+ 8.5	− 99	+36
25	+14.9	+ 4.4	− 63	+54
27	+19.3	− 0.4	− 9	+56
29	+18.9	− 5.1	+ 47	+44
31	+13.8	− 8.8	+ 91	+19
33	+ 5.0		+110	

0^h Welt-Zeit	JAPETUS			
	$\alpha_{tr}-\alpha_{pl}$		$\delta_{tr}-\delta_{pl}$	
1942				
Jan. 1	+18.1 s	−5.8 s	+214″	−12″
3	+12.3	−6.0	+202	−16
5	+ 6.3	−6.0	+186	−20
7	+ 0.3	−6.0	+166	−24
9	− 5.7	−5.9	+142	−28
11	−11.6	−5.5	+114	−30
13	−17.1	−5.1	+ 84	−32
15	−22.2	−4.5	+ 52	−33
17	−26.7	−3.7	+ 19	−33
19	−30.4	−2.9	− 14	−33
21	−33.3	−2.1	− 47	−31
23	−35.4	−1.1	− 78	−29
25	−36.5	−0.2	−107	−26
27	−36.7	+0.8	−133	−22
29	−35.9	+1.8	−155	−17
31	−34.1	+2.7	−172	−13
Febr. 2	−31.4	+3.5	−185	− 8
4	−27.9	+4.2	−193	− 3
6	−23.7	+4.8	−196	+ 2
8	−18.9	+5.3	−194	+ 8
10	−13.6	+5.6	−186	+12
12	− 8.0	+5.8	−174	+17
14	− 2.2	+5.7	−157	+21
16	+ 3.5	+5.6	−136	+24
18	+ 9.1	+5.4	−112	+27
20	+14.5	+5.0	− 85	+29
22	+19.5	+4.4	− 56	+30
24	+23.9	+3.8	− 26	+31
26	+27.7	+3.2	+ 5	+30
28	+30.9	+2.4	+ 35	+29
März 2	+33.3	+1.6	+ 64	+28
4	+34.9	+0.8	+ 92	+25
6	+35.7	−0.1	+117	+22
8	+35.6	−0.8	+139	+19
10	+34.8	−1.6	+158	+15
12	+33.2	−2.3	+173	+12
14	+30.9	−3.0	+185	+ 7
16	+27.9	−3.6	+192	+ 3
18	+24.3	−4.1	+195	− 1
20	+20.2		+194	

0^h Welt-Zeit	JAPETUS			
	$\alpha_{tr}-\alpha_{pl}$		$\delta_{tr}-\delta_{pl}$	
1942				
Aug. 3	+17.6 s	+4.7 s	− 62″	+27″
5	+22.3	+4.2	− 35	+27
7	+26.5	+3.6	− 8	+28
9	+30.1	+2.9	+ 20	+28
11	+33.0	+2.2	+ 48	+27
13	+35.2	+1.4	+ 75	+25
15	+36.6	+0.6	+100	+23
17	+37.2	−0.2	+123	+20
19	+37.0	−1.0	+143	+17
21	+36.0	−1.9	+160	+14
23	+34.1	−2.7	+174	+10
25	+31.4	−3.4	+184	+ 6
27	+28.0	−4.1	+190	+ 2
29	+23.9	−4.6	+192	− 3
31	+19.3	−5.1	+189	− 7
Sept. 2	+14.2	−5.6	+182	−11
4	+ 8.6	−5.8	+171	−16
6	+ 2.8	−5.8	+155	−19
8	− 3.0	−5.8	+136	−23
10	− 8.8	−5.7	+113	−26
12	−14.5	−5.4	+ 87	−28
14	−19.9	−4.9	+ 59	−30
16	−24.8	−4.3	+ 29	−30
18	−29.1	−3.6	− 1	−31
20	−32.7	−2.7	− 32	−30
22	−35.4	−1.8	− 62	−29
24	−37.2	−0.8	− 91	−27
26	−38.0	+0.2	−118	−23
28	−37.8	+1.2	−141	−20
30	−36.6	+2.3	−161	−16
Okt. 2	−34.3	+3.2	−177	−11
4	−31.1	+4.1	−188	− 5
6	−27.0	+4.9	−193	0
8	−22.1	+5.5	−193	+ 5
10	−16.6	+6.0	−188	+10
12	−10.6	+6.3	−178	+15
14	− 4.3	+6.5	−163	+19
16	+ 2.2	+6.4	−144	+23
18	+ 8.6	+6.3	−121	+27
20	+14.9		− 94	

0^h Welt-Zeit	JAPETUS			
	$\alpha_{tr}-\alpha_{pl}$		$\delta_{tr}-\delta_{pl}$	
1942				
Okt. 20	+14.9 s	+6.0 s	− 94″	+29″
22	+20.9	+5.5	− 65	+31
24	+26.4	+4.8	− 34	+32
26	+31.2	+4.1	− 2	+33
28	+35.3	+3.2	+ 31	+32
30	+38.5	+2.3	+ 63	+31
Nov. 1	+40.8	+1.3	+ 94	+28
3	+42.1	+0.3	+122	+26
5	+42.4	−0.7	+148	+23
7	+41.7	−1.7	+171	+19
9	+40.0	−2.7	+190	+14
11	+37.3	−3.6	+204	+ 9
13	+33.7	−4.4	+213	+ 4
15	+29.3	−5.1	+217	− 1
17	+24.2	−5.8	+216	− 6
19	+18.4	−6.2	+210	−12
21	+12.2	−6.6	+198	−16
23	+ 5.6	−6.7	+182	−21
25	− 1.1	−6.6	+161	−25
27	− 7.7	−6.4	+136	−29
29	−14.1	−6.1	+107	−32
Dez. 1	−20.2	−5.5	+ 75	−33
3	−25.7	−4.9	+ 42	−35
5	−30.6	−4.0	+ 7	−35
7	−34.6	−3.1	− 28	−34
9	−37.7	−2.0	− 62	−33
11	−39.7	−0.9	− 95	−30
13	−40.6	+0.3	−125	−26
15	−40.3	+1.4	−151	−22
17	−38.9	+2.5	−173	−17
19	−36.4	+3.5	−190	−12
21	−32.9	+4.4	−202	− 6
23	−28.5	+5.2	−208	0
25	−23.3	+5.8	−208	+ 6
27	−17.5	+6.3	−202	+11
29	−11.2	+6.6	−191	+16
31	− 4.6	+6.6	−175	+21
33	+ 2.0		−154	

Östliche Elongationen (in Welt-Zeit)

MIMAS

Datum	h	Datum	h	Datum	h	Datum	h	Datum	h
Jan. 0	12.2	Febr. 16	15.3	Aug. 14	18.1	Sept. 30	21.0	Nov. 16	23.8
1	10.9	17	13.9	15	16.7	Okt. 1	19.6	17	22.4
2	9.5	18	12.5	16	15.4	2	18.3	18	21.0
3	8.1	19	11.2	17	14.0	3	16.9	19	19.7
4	6.7	20	9.8	18	12.6	4	15.5	20	18.3
5	5.3	21	8.4	19	11.2	5	14.1	21	16.9
6	3.9	22	7.0	20	9.9	6	12.8	22	15.5
7	2.6	23	5.7	21	8.5	7	11.4	23	14.1
8	1.2	24	4.3	22	7.1	8	10.0	24	12.7
8	23.8	25	2.9	23	5.7	9	8.6	25	11.3
9	22.4	26	1.5	24	4.3	10	7.2	26	9.9
10	21.0	27	0.2	25	3.0	11	5.9	27	8.6
11	19.6	27	22.8	26	1.6	12	4.5	28	7.2
12	18.3	28	21.4	27	0.2	13	3.1	29	5.8
13	16.9	März 1	20.0	27	22.8	14	1.7	30	4.4
14	15.5	2	18.7	28	21.4	15	0.3	Dez. 1	3.0
15	14.1	3	17.3	29	20.0	15	22.9	2	1.6
16	12.7	4	15.9	30	18.7	16	21.5	3	0.2
17	11.3	5	14.5	31	17.3	17	20.1	3	22.8
18	10.0	6	13.1	Sept. 1	15.9	18	18.8	4	21.4
19	8.6	7	11.8	2	14.5	19	17.4	5	20.1
20	7.2	8	10.4	3	13.2	20	16.0	6	18.7
21	5.8	9	9.0	4	11.8	21	14.6	7	17.3
22	4.5	10	7.6	5	10.4	22	13.2	8	15.9
23	3.1	11	6.3	6	9.0	23	11.8	9	14.5
24	1.7	12	4.9	7	7.7	24	10.4	10	13.1
25	0.3	13	3.5	8	6.3	25	9.0	11	11.7
25	23.0	14	2.1	9	4.9	26	7.7	12	10.3
26	21.6	15	0.8	10	3.5	27	6.3	13	9.0
27	20.2	15	23.4	11	2.2	28	4.9	14	7.6
28	18.8	16	22.0	12	0.8	29	3.5	15	6.2
29	17.5	17	20.6	12	23.4	30	2.1	16	4.8
30	16.1	18	19.3	13	22.0	31	0.7	17	3.4
31	14.7	19	17.9	14	20.6	31	23.3	18	2.0
Febr. 1	13.3	20	16.5	15	19.2	Nov. 1	21.9	19	0.6
2	11.9			16	17.8	2	20.5	19	23.2
3	10.6			17	16.5	3	19.2	20	21.8
4	9.2			18	15.1	4	17.8	21	20.5
5	7.8	Aug. 3	10.7	19	13.7	5	16.4	22	19.1
6	6.4	4	9.3	20	12.3	6	15.0	23	17.7
7	5.1	5	7.9	21	10.9	7	13.7	24	16.3
8	3.7	6	6.6	22	9.5	8	12.3	25	15.0
9	2.3	7	5.2	23	8.1	9	10.9	26	13.6
10	0.9	8	3.8	24	6.8	10	9.5	27	12.2
10	23.6	9	2.4	25	5.4	11	8.1	28	10.8
11	22.2	10	1.1	26	4.0	12	6.8	29	9.4
12	20.8	10	23.7	27	2.6	13	5.4	30	8.1
13	19.4	11	22.3	28	1.2	14	4.0	31	6.7
14	18.1	12	20.9	28	23.8	15	2.6	32	5.3
15	16.7	13	19.5	29	22.4	16	1.2		

Östliche Elongationen (in Welt-Zeit)

ENCELADUS

Datum		h
Jan.	1	7.8
	2	16.7
	4	1.6
	5	10.4
	6	19.3
	8	4.2
	9	13.1
	10	22.0
	12	6.9
	13	15.7
	15	0.6
	16	9.5
	17	18.4
	19	3.3
	20	12.2
	21	21.1
	23	6.0
	24	14.8
	25	23.7
	27	8.6
	28	17.5
	30	2.4
	31	11.3
Febr.	1	20.2
	3	5.1
	4	14.0
	5	22.9
	7	7.8
	8	16.7
	10	1.5
	11	10.4
	12	19.3
	14	4.2
	15	13.1
	16	22.0
	18	6.9
	19	15.8
	21	0.7
	22	9.6
	23	18.5
	25	3.4
	26	12.2
	27	21.1
März	1	6.0
	2	14.9
	3	23.8
	5	8.7
	6	17.6

ENCELADUS

Datum		h
März	8	2.5
	9	11.4
	10	20.3
	12	5.2
	13	14.1
	14	23.0
	16	7.9
	17	16.8
	19	1.7
	20	10.6
Aug.	3	3.8
	4	12.7
	5	21.6
	7	6.5
	8	15.4
	10	0.3
	11	9.2
	12	18.1
	14	3.0
	15	11.9
	16	20.8
	18	5.7
	19	14.6
	20	23.4
	22	8.3
	23	17.2
	25	2.1
	26	11.0
	27	19.9
	29	4.8
	30	13.7
	31	22.6
Sept.	2	7.4
	3	16.3
	5	1.2
	6	10.1
	7	19.0
	9	3.9
	10	12.7
	11	21.6
	13	6.5
	14	15.4
	16	0.3
	17	9.1
	18	18.0

ENCELADUS

Datum		h
Sept.	20	2.9
	21	11.8
	22	20.7
	24	5.6
	25	14.4
	26	23.3
	28	8.2
	29	17.1
Okt.	1	2.0
	2	10.9
	3	19.7
	5	4.6
	6	13.5
	7	22.4
	9	7.3
	10	16.2
	12	1.0
	13	9.9
	14	18.8
	16	3.7
	17	12.5
	18	21.4
	20	6.3
	21	15.2
	23	0.0
	24	8.9
	25	17.8
	27	2.7
	28	11.5
	29	20.4
	31	5.3
Nov.	1	14.2
	2	23.0
	4	7.9
	5	16.8
	7	1.7
	8	10.5
	9	19.4
	11	4.3
	12	13.2
	13	22.0
	15	6.9
	16	15.8
	18	0.6
	19	9.5
	20	18.4
	22	3.3
	23	12.1

ENCELADUS

Datum		h
Nov.	24	21.0
	26	5.9
	27	14.8
	28	23.6
	30	8.5
Dez.	1	17.4
	3	2.3
	4	11.1
	5	20.0
	7	4.9
	8	13.8
	9	22.6
	11	7.5
	12	16.4
	14	1.3
	15	10.1
	16	19.0
	18	3.9
	19	12.8
	20	21.6
	22	6.5
	23	15.4
	25	0.3
	26	9.1
	27	18.0
	29	2.9
	30	11.8
	31	20.6

TETHYS

Datum		h
Jan.	1	13.9
	3	11.2
	5	8.5
	7	5.8
	9	3.2
	11	0.5
	12	21.8
	14	19.1
	16	16.4
	18	13.7
	20	11.0
	22	8.3
	24	5.6

TETHYS

Datum		h
Jan.	26	3.0
	28	0.3
	29	21.6
	31	18.9
Febr.	2	16.2
	4	13.5
	6	10.8
	8	8.1
	10	5.5
	12	2.8
	14	0.1
	15	21.4
	17	18.7
	19	16.0
	21	13.4
	23	10.7
	25	8.0
	27	5.3
März	1	2.6
	3	0.0
	4	21.3
	6	18.6
	8	16.0
	10	13.3
	12	10.6
	14	8.0
	16	5.3
	18	2.6
	20	0.0
Aug.	3	0.3
	4	21.6
	6	18.9
	8	16.3
	10	13.6
	12	10.9
	14	8.2
	16	5.5
	18	2.8
	20	0.1
	21	21.5
	23	18.8
	25	16.1
	27	13.4
	29	10.7
	31	8.0

Östliche Elongationen (in Welt-Zeit)

TETHYS

		h
Sept.	2	5.3
	4	2.6
	6	0.0
	7	21.3
	9	18.6
	11	15.9
	13	13.2
	15	10.5
	17	7.8
	19	5.1
	21	2.4
	22	23.8
	24	21.1
	26	18.4
	28	15.7
	30	13.0
Okt.	2	10.3
	4	7.6
	6	4.9
	8	2.2
	9	23.5
	11	20.8
	13	18.1
	15	15.4
	17	12.7
	19	10.0
	21	7.3
	23	4.6
	25	1.8
	26	23.1
	28	20.4
	30	17.7
Nov.	1	15.0
	3	12.3
	5	9.6
	7	6.9
	9	4.1
	11	1.4
	12	22.7
	14	20.0
	16	17.3
	18	14.6
	20	11.9
	22	9.2
	24	6.5
	26	3.7
	28	1.0
	29	22.3

THETYS

		h
Dez.	1	19.6
	3	16.9
	5	14.2
	7	11.5
	9	8.8
	11	6.0
	13	3.3
	15	0.6
	16	21.9
	18	19.2
	20	16.5
	22	13.8
	24	11.1
	26	8.4
	28	5.6
	30	2.9
	32	0.2

DIONE

		h
Jan.	0	13.5
	3	7.1
	6	0.8
	8	18.5
	11	12.2
	14	5.8
	16	23.5
	19	17.2
	22	10.9
	25	4.6
	27	22.2
	30	15.9
Febr.	2	9.6
	5	3.3
	7	21.0
	10	14.8
	13	8.5
	16	2.2
	18	19.9
	21	13.6
	24	7.3
	27	1.1
März	1	18.8
	4	12.5

DIONE

		h
März	7	6.2
	9	23.9
	12	17.7
	15	11.4
	18	5.2
	20	22.9
Aug.	4	22.3
	7	16.0
	10	9.8
	13	3.5
	15	21.2
	18	14.9
	21	8.6
	24	2.4
	26	20.1
	29	13.8
Sept.	1	7.5
	4	1.2
	6	18.9
	9	12.6
	12	6.3
	15	0.0
	17	17.7
	20	11.4
	23	5.0
	25	22.7
	28	16.4
Okt.	1	10.1
	4	3.8
	6	21.4
	9	15.1
	12	8.7
	15	2.4
	17	20.1
	20	13.8
	23	7.4
	26	1.1
	28	18.7
	31	12.4
Nov.	3	6.0
	5	23.7
	8	17.3
	11	11.0
	14	4.6

DIONE

		h
Nov.	16	22.3
	19	15.9
	22	9.5
	25	3.2
	27	20.8
	30	14.5
Dez.	3	8.1
	6	1.7
	8	19.4
	11	13.0
	14	6.7
	17	0.3
	19	18.0
	22	11.6
	25	5.3
	27	22.9
	30	16.6
	33	10.2

RHEA

		h
Jan.	2	11.1
	6	23.5
	11	11.8
	16	0.2
	20	12.6
	25	1.1
	29	13.5
Febr.	3	1.9
	7	14.4
	12	2.9
	16	15.4
	21	3.9
	25	16.4
März	2	4.9
	6	17.4
	11	6.0
	15	18.5
	20	7.1
Aug.	3	0.7
	7	13.3
	12	1.8

RHEA

		h
Aug.	16	14.3
	21	2.8
	25	15.3
	30	3.8
Sept.	3	16.3
	8	4.7
	12	17.2
	17	5.6
	21	18.1
	26	6.5
	30	18.9
Okt.	5	7.3
	9	19.7
	14	8.1
	18	20.5
	23	8.8
	27	21.2
Nov.	1	9.5
	5	21.8
	10	10.2
	14	22.5
	19	10.8
	23	23.1
	28	11.3
Dez.	2	23.6
	7	11.9
	12	0.3
	16	12.6
	21	0.9
	25	13.2
	30	1.5
	34	13.8

Elongationen und Konjunktionen (in Welt-Zeit)

TITAN

		h	
Jan.	2	3.1	Westl. El.
	6	0.2	Ob. Konj.
	10	4.2	Östl. El.
	14	6.2	Unt. Konj.
	18	1.4	Westl. El.
	21	22.6	Ob. Konj.
	26	2.7	Östl. El.
	30	4.8	Unt. Konj.
Febr.	3	0.2	Westl. El.
	6	21.6	Ob. Konj.
	11	1.8	Östl. El.
	15	4.0	Unt. Konj.
	18	23.5	Westl. El.
	22	21.0	Ob. Konj.
	27	1.4	Östl. El.
März	3	3.7	Unt. Konj.
	6	23.3	Westl. El.
	10	21.0	Ob. Konj.
	15	1.5	Östl. El.
	19	3.8	Unt. Konj.
		h	
Aug.	2	4.7	Ob. Konj.
	6	9.8	Östl. El.
	10	10.5	Unt. Konj.
	14	5.6	Westl. El.
	18	4.8	Ob. Konj.
	22	9.8	Östl. El.
	26	10.3	Unt. Konj.
	30	5.3	Westl. El.
Sept.	3	4.5	Ob. Konj.
	7	9.3	Östl. El.
	11	9.7	Unt. Konj.
	15	4.5	Westl. El.
	19	3.6	Ob. Konj.
	23	8.3	Östl. El.
	27	8.5	Unt. Konj.
Okt.	1	3.3	Westl. El.
	5	2.2	Ob. Konj.
	9	6.8	Östl. El.
	13	6.9	Unt. Konj.
	17	1.5	Westl. El.
	21	0.3	Ob. Konj.
	25	4.7	Östl. El.

TITAN

		h	
Okt.	29	4.7	Unt. Konj.
Nov.	1	23.2	Westl. El.
	5	21.8	Ob. Konj.
	10	2.1	Östl. El.
	14	2.2	Unt. Konj.
	17	20.6	Westl. El.
	21	19.1	Ob. Konj.
	25	23.3	Östl. El.
	29	23.4	Unt. Konj.
Dez.	3	17.9	Westl. El.
	7	16.2	Ob. Konj.
	11	20.4	Östl. El.
	15	20.7	Unt. Konj.
	19	15.2	Westl. El.
	23	13.4	Ob. Konj.
	27	17.7	Östl. El.
	31	18.1	Unt. Konj.

HYPERION

		h	
Jan.	4	6.7	Unt. Konj.
	9	7.9	Westl. El.
	13	14.6	Ob. Konj.
	19	1.2	Östl. El.
	25	12.9	Unt. Konj.
	30	14.1	Westl. El.
Febr.	3	21.0	Ob. Konj.
	9	8.6	Östl. El.
	15	21.1	Unt. Konj.
	20	22.0	Westl. El.
	25	5.0	Ob. Konj.
März	2	18.1	Östl. El.
	9	7.1	Unt. Konj.
	14	7.3	Westl. El.
	18	14.6	Ob. Konj.
		h	
Aug.	7	2.5	Unt. Konj.
	11	17.0	Westl. El.
	16	4.1	Ob. Konj.
	22	7.1	Östl. El.

HYPERION

		h	
Aug.	28	13.7	Unt. Konj.
Sept.	2	3.2	Westl. El.
	6	14.6	Ob. Konj.
	12	18.0	Östl. El.
	18	23.4	Unt. Konj.
	23	12.2	Westl. El.
	27	23.6	Ob. Konj.
Okt.	4	2.9	Östl. El.
	10	7.4	Unt. Konj.
	14	19.7	Westl. El.
	19	7.0	Ob. Konj.
	25	9.8	Östl. El.
	31	13.7	Unt. Konj.
Nov.	5	1.9	Westl. El.
	9	12.9	Ob. Konj.
	15	14.9	Östl. El.
	21	18.7	Unt. Konj.
	26	7.0	Westl. El.
	30	17.6	Ob. Konj.
Dez.	6	18.8	Östl. El.
	12	22.7	Unt. Konj.
	17	11.3	Westl. El.
	21	21.8	Ob. Konj.
	27	22.5	Östl. El.
	34	2.6	Unt. Konj.

JAPETUS

		h	
Jan.	8	2.2	Unt. Konj.
	27	18.8	Westl. El.
Febr.	15	17.6	Ob. Konj.
März	7	22.4	Östl. El.
		h	
Aug.	17	21.0	Östl. El.
Sept.	7	20.8	Unt. Konj.
	27	7.3	Westl. El.
Okt.	16	3.6	Ob. Konj.
Nov.	5	3.8	Östl. El.
	25	13.5	Unt. Konj.
Dez.	14	15.8	Westl. El.
	33	6.6	Ob. Konj.

Konstellationen 1942

Welt-Zeit 1942		h	
Jan.	2	2	♆ stationär in AR.
	2	19	☉ in Erdnähe
	8	20	♆ ☌ ☾
	11	2	♀ stationär in AR.
	18	5	☿ ☌ ☾
	18	13	♀ ☌ ☾
	21	1	☿ ☌ ♀, ☿ 6° 15′ S.
	23	23	♄ stationär in AR.
	24	8	♂ ☌ ☾
	25	12	☿ gr. östl. El. 18° 31′
	25	17	♄ ☌ ☾
	26	2	♅ ☌ ☾
	27	10	♃ ☌ ☾
	30	4	☿ im Perihel
	31	12	☿ stationär in AR.
Febr.	1	3	♀ im Perihel
	2	17	♀ untere ☌ ☉
	3	15	♅ stationär in AR.
	5	0	♆ ☌ ☾
	5	13	♃ stationär in AR.
	9	23	☿ untere ☌ ☉
	14	0	♀ ☌ ☾
	14	15	☿ ☌ ☾
	21	23	☿ stationär in AR.
	22	1	♂ ☌ ☾
	22	3	♄ ☌ ☾
	22	10	♅ ☌ ☾
	22	14	♀ stationär in AR.
	23	19	♃ ☌ ☾
	24	2	♂ ☌ ♄, ♂ 3° 28′ N.
März	2	7	♂ ☌ ♅, ♂ 1° 37′ N.
	3	—	☾ totale Finsternis
	4	6	♆ ☌ ☾
	8	0	☿ gr. westl. El. 27° 21′
	9	7	♀ im größten Glanze
	13	15	♀ ☌ ☾
	14	22	☿ ☌ ☾
	15	3	☿ im Aphel
	16	—	☉ part. Finsternis
	19	18	♆ ☍ ☉
	21	6	Frühlingsanfang
	21	15	♄ ☌ ☾
	21	20	♅ ☌ ☾
	22	20	♂ ☌ ☾
	23	8	♃ ☌ ☾
	31	14	♆ ☌ ☾

Welt-Zeit 1942		h	
April	4	4	♂ ☌ ♃, ♂ 1° 44′ N.
	11	16	♀ ☌ ☾
	13	20	♀ gr. westl. El. 46° 19′
	15	1	☿ ☌ ☾
	18	5	♄ ☌ ☾
	18	6	♅ ☌ ☾
	20	1	♃ ☌ ☾
	20	10	☿ obere ☌ ☉
	20	17	♂ ☌ ☾
	28	0	♆ ☌ ☾
	28	3	☿ im Perihel
	28	9	♄ ☌ ♅, ♄ 1° 39′ S.
Mai	5	3	☿ ☌ ♅, ☿ 2° 7′ N.
	5	9	☿ ☌ ♄, ☿ 3° 46′ N.
	11	7	♀ ☌ ☾
	15	16	♅ ☌ ☾
	15	19	♄ ☌ ☾
	17	4	☿ ☌ ☾
	17	20	♃ ☌ ☾
	18	20	☿ gr. östl. El. 22° 11′
	19	13	♂ ☌ ☾
	22	3	♅ ☌ ☉
	23	17	♄ ☌ ☉
	24	9	♀ im Aphel
	25	8	♆ ☌ ☾
	31	19	☿ stationär in AR.
Juni	8	23	♆ stationär in AR.
	10	5	♀ ☌ ☾
	11	2	☿ im Aphel
	12	1	♅ ☌ ☾
	12	8	♄ ☌ ☾
	12	21	☿ untere ☌ ☉
	13	18	☿ ☌ ☾
	14	15	♃ ☌ ☾
	17	7	♂ ☌ ☾
	21	15	♆ ☌ ☾
	22	1	Sommersanfang
	24	17	☿ stationär in AR.
	25	17	♃ ☌ ☉
	29	20	♀ ☌ ♅, ♀ 1° 41′ S.

Welt-Zeit 1942		h	
Juli	3	23	♀ ☌ ♄, ♀ 0° 4′ N.
	6	0	☉ in Erdferne
	6	10	☿ gr. westl. El. 21° 23′
	9	10	♅ ☌ ☾
	9	21	♄ ☌ ☾
	10	11	♀ ☌ ☾
	11	15	☿ ☌ ☾
	12	10	♃ ☌ ☾
	14	4	♂ im Aphel
	16	0	♂ ☌ ☾
	18	8	☿ ☌ ♃, ☿ 0° 22′ S.
	18	22	♆ ☌ ☾
	25	2	☿ im Perihel
Aug.	2	4	♀ ☌ ♃, ♀ 0° 21′ S.
	2	22	☿ obere ☌ ☉
	5	19	♅ ☌ ☾
	6	9	♄ ☌ ☾
	9	5	♃ ☌ ☾
	9	21	♀ ☌ ☾
	12	—	☉ part. Finsternis
	13	1	☿ ☌ ☾
	13	15	♂ ☌ ☾
	15	5	♆ ☌ ☾
	19	13	☿ ☌ ♂, ☿ 0° 0′.4 S.
	26	—	☾ totale Finsternis
	31	0	☿ ☌ ♆, ☿ 1° 53′ S.
Sept.	2	4	♅ ☌ ☾
	2	20	♄ ☌ ☾
	6	0	♃ ☌ ☾
	7	2	☿ im Aphel
	9	5	♀ ☌ ☾
	10	—	☉ part. Finsternis
	10	9	♅ stationär in AR.
	11	7	♂ ☌ ☾
	11	13	♆ ☌ ☾
	12	15	☿ ☌ ☾
	13	16	♀ im Perihel
	15	17	☿ gr. östl. El. 26° 40′
	16	18	♂ ☌ ♆, ♂ 0° 30′ S.
	18	18	♂ d. Erde a. nächsten
	23	7	♆ ☌ ☉
	23	16	Herbstanfang
	25	9	♄ stationär in AR.
	28	16	☿ stationär in AR.
	29	12	♅ ☌ ☾
	30	5	♄ ☌ ☾

Welt-Zeit 1942		h	
Okt.	3	16	♃ ☌ ☾
	4	18	♀ ☌ ♆, ♀ 0° 11′ N.
	6	0	♂ ☌ ☉
	8	23	♆ ☌ ☾
	9	9	♀ ☌ ☾
	10	0	♂ ☌ ☾
	10	4	☿ ☌ ☾
	11	1	☿ untere ☌ ☉
	11	11	☿ ☌ ♂, ☿ 2° 32′ S.
	14	16	☿ ☌ ♀, ☿ 2° 9′ S.
	19	10	☿ stationär in AR.
	21	1	☿ im Perihel
	23	13	♀ ☌ ♂, ♀ 0° 45′ N.
	26	15	☿ gr. westl. El. 18° 28′
	26	19	♅ ☌ ☾
	27	11	♄ ☌ ☾
	31	5	♃ ☌ ☾
Nov.	5	10	♆ ☌ ☾
	7	13	☿ ☌ ☾
	7	18	♂ ☌ ☾
	8	10	♀ ☌ ☾
	10	10	☿ ☌ ♂, ☿ 1° 8′ N.
	12	17	♃ stationär in AR.
	16	12	♀ obere ☌ ☉
	23	0	♅ ☌ ☾
	23	15	♄ ☌ ☾
	25	11	♅ ☍ ☉
	27	12	♃ ☌ ☾
Dez.	1	2	☿ obere ☌ ☉
	1	20	♄ ☍ ☉
	2	21	♆ ☌ ☾
	4	1	☿ im Aphel
	6	13	♂ ☌ ☾
	8	8	☿ ☌ ☾
	8	11	♀ ☌ ☾
	12	16	☿ ☌ ♀, ☿ 1° 19′ S.
	20	4	♅ ☌ ☾
	20	17	♄ ☌ ☾
	22	12	Wintersanfang
	24	13	♃ ☌ ☾
	30	5	♆ ☌ ☾

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Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942	h m	h m	h m	h m	h m	h m	h m	h m	
Jan. 1	5 43	6 17	6 56	7 22	7 59	8 25	9 3	10 8	
2	5 43	6 17	6 56	7 22	7 59	8 25	9 2	10 6	
3	5 44	6 18	6 56	7 22	7 59	8 25	9 2	10 5	
4	5 44	6 18	6 57	7 22	7 59	8 24	9 1	10 3	
5	5 45	6 18	6 57	7 22	7 58	8 24	9 0	10 2	
6	5 45	6 19	6 57	7 22	7 58	8 24	9 0	10 0	
7	5 46	6 19	6 57	7 22	7 58	8 23	8 59	9 58	
8	5 47	6 19	6 57	7 22	7 58	8 22	8 58	9 56	
9	5 47	6 20	6 57	7 22	7 57	8 22	8 57	9 54	
10	5 48	6 20	6 57	7 22	7 56	8 21	8 56	9 52	
11	5 48	6 20	6 57	7 22	7 56	8 20	8 54	9 50	
12	5 49	6 21	6 57	7 21	7 56	8 20	8 53	9 47	
13	5 49	6 21	6 57	7 21	7 55	8 19	8 52	9 45	
14	5 50	6 21	6 57	7 21	7 54	8 18	8 50	9 43	
15	5 50	6 21	6 57	7 21	7 54	8 17	8 49	9 40	
16	5 51	6 22	6 57	7 20	7 53	8 16	8 47	9 38	h m
17	5 51	6 22	6 56	7 20	7 52	8 14	8 46	9 35	11 59
18	5 52	6 22	6 56	7 19	7 51	8 13	8 44	9 32	11 35
19	5 52	6 22	6 56	7 19	7 50	8 12	8 42	9 29	11 22
20	5 53	6 22	6 56	7 18	7 49	8 11	8 41	9 26	11 11
21	5 53	6 22	6 55	7 18	7 48	8 9	8 39	9 24	11 2
22	5 54	6 23	6 55	7 17	7 47	8 8	8 37	9 21	10 53
23	5 54	6 23	6 55	7 16	7 46	8 7	8 35	9 18	10 45
24	5 54	6 23	6 55	7 16	7 45	8 5	8 33	9 15	10 38
25	5 55	6 23	6 54	7 15	7 44	8 4	8 31	9 12	10 31
26	5 55	6 23	6 54	7 14	7 43	8 2	8 29	9 9	10 25
27	5 56	6 23	6 53	7 13	7 42	8 1	8 27	9 6	10 18
28	5 56	6 23	6 53	7 13	7 40	7 59	8 25	9 2	10 12
29	5 56	6 23	6 52	7 12	7 39	7 57	8 22	8 59	10 6
30	5 57	6 23	6 52	7 11	7 38	7 56	8 20	8 56	10 0
31	5 57	6 23	6 51	7 10	7 36	7 54	8 18	8 53	9 55
Febr. 1	5 58	6 23	6 51	7 9	7 35	7 52	8 16	8 50	9 49
2	5 58	6 23	6 50	7 8	7 34	7 50	8 13	8 46	9 44
3	5 58	6 23	6 50	7 7	7 32	7 49	8 11	8 43	9 38
4	5 59	6 22	6 49	7 6	7 31	7 47	8 8	8 40	9 33
5	5 59	6 22	6 49	7 5	7 29	7 45	8 6	8 37	9 27
6	5 59	6 22	6 48	7 4	7 28	7 43	8 4	8 33	9 22
7	6 0	6 22	6 47	7 3	7 26	7 41	8 1	8 30	9 17
8	6 0	6 22	6 46	7 2	7 24	7 39	7 59	8 26	9 12
9	6 0	6 22	6 45	7 1	7 23	7 37	7 56	8 23	9 7
10	6 0	6 21	6 45	7 0	7 21	7 35	7 53	8 20	9 2
11	6 1	6 21	6 44	6 59	7 20	7 33	7 51	8 16	8 57

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942		h m	h m	h m	h m	h m	h m	h m	h m	
Jan.	1	18 24	17 50	17 11	16 45	16 8	15 42	15 4	14 0	
	2	18 25	17 51	17 12	16 46	16 9	15 43	15 6	14 2	
	3	18 25	17 51	17 13	16 47	16 10	15 44	15 7	14 4	
	4	18 25	17 52	17 14	16 48	16 12	15 46	15 9	14 7	
	5	18 26	17 52	17 14	16 49	16 13	15 47	15 11	14 9	
	6	18 26	17 53	17 15	16 50	16 14	15 48	15 12	14 12	
	7	18 27	17 53	17 16	16 51	16 15	15 50	15 14	14 15	
	8	18 27	17 54	17 17	16 51	16 16	15 51	15 16	14 18	
	9	18 27	17 54	17 17	16 52	16 17	15 53	15 18	14 21	
	10	18 27	17 55	17 18	16 53	16 19	15 54	15 20	14 24	
	11	18 28	17 55	17 19	16 54	16 20	15 56	15 22	14 27	
	12	18 28	17 56	17 20	16 55	16 21	15 58	15 24	14 30	
	13	18 28	17 57	17 21	16 56	16 23	15 59	15 26	14 33	
	14	18 28	17 57	17 22	16 58	16 24	16 1	15 28	14 36	
	15	18 29	17 58	17 22	16 59	16 26	16 3	15 31	14 39	
	16	18 29	17 58	17 23	17 0	16 27	16 5	15 33	14 43	h m
	17	18 29	17 59	17 24	17 1	16 29	16 6	15 35	14 46	12 22
	18	18 29	17 59	17 25	17 2	16 30	16 8	15 37	14 49	12 47
	19	18 29	18 0	17 26	17 3	16 32	16 10	15 40	14 53	13 1
	20	18 29	18 0	17 27	17 4	16 33	16 12	15 42	14 56	13 12
	21	18 29	18 0	17 28	17 5	16 35	16 14	15 45	15 0	13 22
	22	18 30	18 1	17 28	17 6	16 36	16 16	15 47	15 3	13 31
	23	18 30	18 1	17 29	17 8	16 38	16 18	15 50	15 7	13 39
	24	18 30	18 2	17 30	17 9	16 40	16 20	15 52	15 10	13 47
	25	18 30	18 2	17 31	17 10	16 41	16 22	15 55	15 14	13 54
	26	18 30	18 2	17 32	17 11	16 43	16 24	15 57	15 17	14 1
	27	18 30	18 3	17 33	17 12	16 45	16 26	16 0	15 21	14 8
	28	18 30	18 3	17 33	17 13	16 46	16 28	16 2	15 24	14 15
	29	18 30	18 4	17 34	17 15	16 48	16 30	16 5	15 28	14 21
	30	18 30	18 4	17 35	17 16	16 50	16 32	16 7	15 32	14 27
	31	18 30	18 4	17 36	17 17	16 51	16 34	16 10	15 35	14 33
Febr.	1	18 30	18 5	17 37	17 18	16 53	16 36	16 13	15 39	14 39
	2	18 30	18 5	17 38	17 19	16 55	16 38	16 15	15 42	14 45
	3	18 29	18 5	17 38	17 21	16 56	16 40	16 18	15 46	14 51
	4	18 29	18 6	17 39	17 22	16 58	16 42	16 20	15 49	14 57
	5	18 29	18 6	17 40	17 23	17 0	16 44	16 23	15 53	15 2
	6	18 29	18 6	17 41	17 24	17 2	16 46	16 26	15 56	15 8
	7	18 29	18 7	17 42	17 26	17 3	16 48	16 28	16 0	15 13
	8	18 29	18 7	17 43	17 27	17 5	16 51	16 31	16 3	15 18
	9	18 28	18 7	17 44	17 28	17 7	16 53	16 34	16 7	15 23
	10	18 28	18 7	17 44	17 29	17 8	16 55	16 36	16 10	15 28
	11	18 28	18 8	17 45	17 30	17 10	16 57	16 39	16 14	15 34

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Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942		h m	h m	h m	h m	h m	h m	h m	h m	h m
Febr.	11	6 1	6 21	6 44	6 59	7 20	7 33	7 51	8 16	8 57
	12	6 1	6 21	6 43	6 58	7 18	7 31	7 48	8 13	8 52
	13	6 1	6 21	6 42	6 57	7 16	7 28	7 45	8 9	8 47
	14	6 1	6 20	6 41	6 55	7 14	7 26	7 43	8 6	8 42
	15	6 2	6 20	6 41	6 54	7 12	7 24	7 40	8 2	8 37
	16	6 2	6 20	6 40	6 53	7 11	7 22	7 37	7 59	8 32
	17	6 2	6 19	6 39	6 51	7 9	7 20	7 35	7 55	8 27
	18	6 2	6 19	6 38	6 50	7 7	7 18	7 32	7 52	8 22
	19	6 2	6 19	6 37	6 49	7 5	7 15	7 29	7 48	8 18
	20	6 2	6 18	6 36	6 47	7 3	7 13	7 26	7 45	8 13
	21	6 3	6 18	6 35	6 46	7 1	7 11	7 24	7 41	8 8
	22	6 3	6 18	6 34	6 45	6 59	7 8	7 21	7 38	8 3
	23	6 3	6 17	6 33	6 43	6 57	7 6	7 18	7 34	7 59
	24	6 3	6 17	6 32	6 42	6 55	7 4	7 15	7 31	7 54
	25	6 3	6 16	6 31	6 40	6 53	7 1	7 12	7 27	7 49
	26	6 3	6 16	6 30	6 39	6 51	6 59	7 9	7 23	7 44
	27	6 3	6 16	6 29	6 38	6 49	6 57	7 6	7 20	7 40
	28	6 3	6 15	6 28	6 36	6 47	6 54	7 4	7 16	7 35
März	1	6 4	6 15	6 27	6 35	6 45	6 52	7 1	7 13	7 30
	2	6 4	6 14	6 26	6 33	6 43	6 49	6 58	7 9	7 26
	3	6 4	6 14	6 25	6 32	6 41	6 47	6 55	7 5	7 21
	4	6 4	6 13	6 24	6 30	6 39	6 44	6 52	7 2	7 16
	5	6 4	6 13	6 23	6 29	6 37	6 42	6 49	6 58	7 12
	6	6 4	6 12	6 22	6 27	6 35	6 40	6 46	6 55	7 7
	7	6 4	6 12	6 21	6 26	6 33	6 37	6 43	6 51	7 3
	8	6 4	6 11	6 19	6 24	6 31	6 35	6 40	6 47	6 58
	9	6 4	6 11	6 18	6 22	6 29	6 32	6 37	6 44	6 53
	10	6 4	6 10	6 17	6 21	6 26	6 30	6 34	6 40	6 49
	11	6 4	6 10	6 16	6 19	6 24	6 27	6 31	6 36	6 44
	12	6 4	6 9	6 14	6 18	6 22	6 25	6 28	6 33	6 39
	13	6 4	6 9	6 13	6 16	6 20	6 22	6 25	6 29	6 35
	14	6 4	6 8	6 12	6 14	6 18	6 20	6 22	6 25	6 30
	15	6 4	6 7	6 11	6 13	6 16	6 17	6 19	6 22	6 26
	16	6 4	6 7	6 10	6 11	6 14	6 14	6 16	6 18	6 21
	17	6 4	6 6	6 8	6 10	6 12	6 12	6 13	6 14	6 16
	18	6 4	6 6	6 7	6 8	6 9	6 9	6 10	6 11	6 12
	19	6 4	6 5	6 6	6 6	6 7	6 7	6 7	6 7	6 7
	20	6 4	6 5	6 5	6 5	6 5	6 4	6 4	6 3	6 2
	21	6 4	6 4	6 4	6 3	6 3	6 2	6 1	6 0	5 58
	22	6 4	6 3	6 2	6 2	6 1	5 59	5 58	5 56	5 53
	23	6 4	6 3	6 1	6 0	5 58	5 57	5 55	5 52	5 49
	24	6 4	6 2	6 0	5 58	5 56	5 54	5 52	5 49	5 44

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m
Febr. 11	18 28	18 8	17 45	17 30	17 10	16 57	16 39	16 14	15 34
12	18 28	18 8	17 46	17 32	17 12	16 59	16 42	16 17	15 39
13	18 28	18 8	17 47	17 33	17 14	17 1	16 44	16 21	15 43
14	18 27	18 8	17 47	17 34	17 16	17 3	16 47	16 24	15 48
15	18 27	18 9	17 48	17 35	17 17	17 5	16 50	16 28	15 52
16	18 27	18 9	17 49	17 36	17 19	17 7	16 52	16 31	15 57
17	18 26	18 9	17 50	17 37	17 21	17 9	16 55	16 34	16 2
18	18 26	18 9	17 50	17 39	17 22	17 12	16 57	16 38	16 7
19	18 26	18 9	17 51	17 40	17 24	17 14	17 0	16 41	16 12
20	18 25	18 9	17 52	17 41	17 26	17 16	17 3	16 44	16 17
21	18 25	18 10	17 53	17 42	17 28	17 18	17 5	16 48	16 21
22	18 24	18 10	17 54	17 43	17 29	17 20	17 8	16 51	16 26
23	18 24	18 10	17 54	17 44	17 31	17 22	17 10	16 54	16 30
24	18 23	18 10	17 55	17 46	17 32	17 24	17 13	16 58	16 35
25	18 23	18 10	17 56	17 47	17 34	17 26	17 15	17 1	16 39
26	18 23	18 10	17 56	17 48	17 36	17 28	17 18	17 4	16 43
27	18 22	18 10	17 57	17 49	17 38	17 30	17 21	17 7	16 48
28	18 22	18 10	17 58	17 50	17 39	17 32	17 23	17 11	16 52
März 1	18 21	18 10	17 58	17 51	17 41	17 34	17 26	17 14	16 56
2	18 21	18 11	17 59	17 52	17 42	17 36	17 28	17 17	17 1
3	18 21	18 11	18 0	17 53	17 44	17 38	17 31	17 20	17 5
4	18 20	18 11	18 0	17 54	17 46	17 40	17 33	17 24	17 9
5	18 20	18 11	18 1	17 56	17 47	17 42	17 36	17 27	17 14
6	18 19	18 11	18 2	17 57	17 49	17 44	17 38	17 30	17 18
7	18 19	18 11	18 2	17 58	17 51	17 46	17 41	17 33	17 22
8	18 18	18 11	18 3	17 59	17 52	17 49	17 43	17 36	17 26
9	18 17	18 11	18 4	18 0	17 54	17 51	17 46	17 39	17 30
10	18 17	18 11	18 5	18 1	17 56	17 53	17 48	17 43	17 34
11	18 16	18 11	18 5	18 2	17 57	17 55	17 51	17 46	17 38
12	18 16	18 11	18 6	18 3	17 59	17 57	17 53	17 49	17 43
13	18 15	18 11	18 7	18 4	18 0	17 59	17 56	17 52	17 47
14	18 15	18 11	18 7	18 5	18 2	18 1	17 58	17 55	17 51
15	18 14	18 11	18 8	18 6	18 4	18 3	18 1	17 58	17 55
16	18 14	18 11	18 9	18 7	18 5	18 5	18 3	18 1	17 59
17	18 13	18 11	18 9	18 8	18 7	18 7	18 6	18 5	18 3
18	18 13	18 11	18 10	18 9	18 8	18 8	18 8	18 8	18 7
19	18 12	18 11	18 10	18 10	18 10	18 10	18 10	18 11	18 11
20	18 11	18 11	18 11	18 11	18 12	18 12	18 13	18 14	18 15
21	18 11	18 11	18 12	18 12	18 13	18 14	18 15	18 17	18 19
22	18 10	18 11	18 12	18 13	18 15	18 16	18 18	18 20	18 23
23	18 10	18 11	18 13	18 14	18 16	18 18	18 20	18 23	18 27
24	18 9	18 11	18 13	18 16	18 18	18 20	18 23	18 26	18 32

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Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942		h m	h m	h m	h m	h m	h m	h m	h m	h m
März	24	6 4	6 2	6 0	5 58	5 56	5 54	5 52	5 49	5 44
	25	6 4	6 2	5 59	5 57	5 54	5 51	5 49	5 45	5 39
	26	6 4	6 1	5 58	5 55	5 52	5 49	5 46	5 41	5 35
	27	6 4	6 1	5 57	5 53	5 50	5 46	5 43	5 38	5 30
	28	6 4	6 0	5 55	5 52	5 47	5 44	5 40	5 34	5 25
	29	6 4	6 0	5 54	5 50	5 45	5 41	5 37	5 30	5 21
	30	6 4	5 59	5 53	5 49	5 43	5 39	5 34	5 27	5 16
	31	6 4	5 58	5 52	5 47	5 41	5 36	5 31	5 23	5 11
April	1	6 4	5 58	5 50	5 45	5 39	5 34	5 28	5 19	5 7
	2	6 4	5 57	5 49	5 44	5 37	5 31	5 25	5 15	5 2
	3	6 4	5 57	5 48	5 42	5 34	5 29	5 22	5 12	4 57
	4	6 4	5 56	5 47	5 41	5 32	5 26	5 18	5 8	4 52
	5	6 4	5 55	5 46	5 39	5 30	5 24	5 15	5 4	4 48
	6	6 4	5 55	5 44	5 37	5 28	5 21	5 12	5 1	4 43
	7	6 4	5 54	5 43	5 36	5 26	5 19	5 9	4 57	4 38
	8	6 4	5 54	5 42	5 34	5 24	5 16	5 6	4 53	4 33
	9	6 4	5 53	5 41	5 33	5 22	5 14	5 3	4 50	4 28
	10	6 4	5 53	5 40	5 31	5 20	5 11	5 0	4 46	4 24
	11	6 4	5 52	5 38	5 29	5 17	5 9	4 57	4 42	4 19
	12	6 4	5 52	5 37	5 28	5 15	5 6	4 54	4 38	4 14
	13	6 4	5 51	5 36	5 26	5 13	5 4	4 51	4 35	4 9
	14	6 4	5 51	5 35	5 25	5 11	5 1	4 48	4 31	4 4
	15	6 4	5 50	5 34	5 23	5 9	4 59	4 46	4 27	3 59
	16	6 4	5 50	5 33	5 22	5 7	4 56	4 43	4 24	3 54
	17	6 4	5 49	5 32	5 20	5 5	4 54	4 40	4 20	3 49
	18	6 4	5 49	5 31	5 19	5 3	4 51	4 37	4 16	3 44
	19	6 4	5 48	5 30	5 17	5 1	4 49	4 34	4 13	3 39
	20	6 4	5 48	5 29	5 16	4 59	4 47	4 31	4 9	3 34
	21	6 4	5 47	5 28	5 15	4 57	4 44	4 28	4 5	3 29
	22	6 4	5 47	5 27	5 13	4 55	4 42	4 25	4 2	3 24
	23	6 4	5 46	5 26	5 12	4 53	4 40	4 22	3 58	3 19
	24	6 4	5 46	5 25	5 10	4 51	4 37	4 19	3 54	3 13
	25	6 4	5 45	5 24	5 9	4 49	4 35	4 17	3 50	3 8
	26	6 4	5 45	5 23	5 8	4 47	4 33	4 14	3 47	3 3
	27	6 4	5 45	5 22	5 6	4 45	4 30	4 11	3 43	2 57
	28	6 4	5 44	5 21	5 5	4 44	4 28	4 8	3 39	2 52
	29	6 4	5 44	5 20	5 4	4 42	4 26	4 5	3 36	2 46
	30	6 4	5 43	5 19	5 2	4 40	4 24	4 3	3 32	2 41
Mai	1	6 4	5 43	5 18	5 1	4 38	4 21	4 0	3 28	2 35
	2	6 4	5 43	5 17	5 0	4 36	4 19	3 57	3 25	2 29
	3	6 5	5 42	5 16	4 58	4 34	4 17	3 54	3 21	2 23
	4	6 5	5 42	5 15	4 57	4 33	4 15	3 52	3 17	2 17

Sonnenuntergang 1942

Mittlere Ortszeit | Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m
März 24	18 9	18 11	18 13	18 16	18 18	18 20	18 23	18 26	18 32
25	18 9	18 11	18 14	18 17	18 20	18 22	18 25	18 29	18 36
26	18 8	18 11	18 14	18 18	18 21	18 24	18 28	18 32	18 40
27	18 7	18 11	18 15	18 19	18 23	18 26	18 30	18 36	18 44
28	18 7	18 11	18 16	18 20	18 24	18 28	18 32	18 39	18 48
29	18 6	18 11	18 16	18 21	18 26	18 30	18 35	18 42	18 52
30	18 6	18 11	18 17	18 22	18 27	18 32	18 37	18 45	18 56
31	18 5	18 11	18 18	18 23	18 29	18 34	18 40	18 48	19 0
April 1	18 5	18 11	18 18	18 24	18 30	18 36	18 42	18 51	19 4
2	18 4	18 11	18 19	18 25	18 32	18 38	18 45	18 54	19 8
3	18 3	18 11	18 19	18 26	18 34	18 40	18 47	18 57	19 13
4	18 3	18 11	18 20	18 27	18 35	18 42	18 50	19 0	19 17
5	18 2	18 11	18 21	18 28	18 37	18 44	18 52	19 4	19 21
6	18 2	18 11	18 21	18 29	18 38	18 45	18 54	19 7	19 25
7	18 1	18 11	18 22	18 30	18 40	18 47	18 57	19 10	19 29
8	18 0	18 10	18 22	18 31	18 41	18 49	18 59	19 13	19 34
9	18 0	18 10	18 23	18 32	18 43	18 51	19 2	19 16	19 38
10	17 59	18 10	18 24	18 33	18 45	18 53	19 4	19 19	19 42
11	17 59	18 10	18 24	18 34	18 46	18 55	19 7	19 22	19 46
12	17 58	18 10	18 25	18 35	18 48	18 57	19 9	19 26	19 51
13	17 58	18 11	18 26	18 36	18 49	18 59	19 12	19 29	19 55
14	17 57	18 11	18 26	18 37	18 50	19 1	19 14	19 32	20 0
15	17 57	18 11	18 27	18 38	18 52	19 3	19 17	19 35	20 4
16	17 56	18 11	18 27	18 39	18 54	19 5	19 19	19 39	20 9
17	17 56	18 11	18 28	18 40	18 56	19 7	19 21	19 42	20 13
18	17 55	18 11	18 29	18 41	18 57	19 9	19 24	19 45	20 18
19	17 55	18 11	18 29	18 42	18 59	19 11	19 26	19 48	20 23
20	17 54	18 11	18 30	18 43	19 0	19 13	19 29	19 52	20 27
21	17 54	18 11	18 30	18 44	19 2	19 15	19 31	19 55	20 32
22	17 53	18 11	18 31	18 45	19 3	19 17	19 34	19 58	20 37
23	17 53	18 11	18 31	18 46	19 5	19 19	19 36	20 1	20 42
24	17 53	18 11	18 32	18 47	19 6	19 21	19 39	20 5	20 47
25	17 52	18 11	18 33	18 48	19 8	19 22	19 41	20 8	20 52
26	17 52	18 11	18 33	18 49	19 10	19 24	19 44	20 11	20 57
27	17 51	18 11	18 34	18 50	19 11	19 26	19 46	20 15	21 2
28	17 51	18 11	18 35	18 51	19 13	19 28	19 49	20 18	21 7
29	17 51	18 11	18 35	18 52	19 14	19 30	19 51	20 22	21 13
30	17 50	18 11	18 36	18 53	19 16	19 32	19 54	20 25	21 18
Mai 1	17 50	18 11	18 37	18 54	19 17	19 34	19 56	20 28	21 24
2	17 49	18 12	18 37	18 55	19 19	19 36	19 58	20 32	21 30
3	17 49	18 12	18 38	18 56	19 20	19 38	20 1	20 35	21 36
4	17 49	18 12	18 39	18 57	19 22	19 40	20 3	20 39	21 42

Sonnenaufgang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m
Mai 4	6 5	5 42	5 15	4 57	4 33	4 15	3 52	3 17	2 17
5	6 5	5 42	5 15	4 56	4 31	4 13	3 49	3 14	2 11
6	6 5	5 41	5 14	4 55	4 29	4 11	3 46	3 10	2 5
7	6 5	5 41	5 13	4 54	4 28	4 9	3 44	3 7	1 58
8	6 5	5 41	5 12	4 53	4 26	4 7	3 41	3 3	1 51
9	6 5	5 40	5 11	4 52	4 24	4 5	3 39	2 59	1 44
10	6 5	5 40	5 11	4 51	4 23	4 3	3 36	2 56	1 37
11	6 6	5 40	5 10	4 49	4 21	4 1	3 34	2 52	1 29
12	6 6	5 40	5 9	4 48	4 20	3 59	3 31	2 49	1 20
13	6 6	5 39	5 8	4 47	4 18	3 57	3 29	2 45	1 11
14	6 6	5 39	5 7	4 46	4 17	3 55	3 26	2 42	1 2
15	6 6	5 39	5 7	4 45	4 15	3 54	3 24	2 38	0 50
16	6 7	5 39	5 6	4 45	4 14	3 52	3 22	2 34	0 35
17	6 7	5 39	5 6	4 44	4 12	3 50	3 19	2 31	
18	6 7	5 39	5 5	4 43	4 11	3 48	3 17	2 27	
19	6 7	5 38	5 5	4 42	4 10	3 47	3 15	2 24	
20	6 7	5 38	5 4	4 41	4 9	3 45	3 13	2 20	
21	6 8	5 38	5 4	4 40	4 7	3 44	3 11	2 17	
22	6 8	5 38	5 3	4 39	4 6	3 42	3 8	2 13	
23	6 8	5 38	5 3	4 39	4 5	3 41	3 6	2 10	
24	6 8	5 38	5 2	4 38	4 4	3 39	3 4	2 7	
25	6 9	5 38	5 2	4 37	4 3	3 38	3 2	2 3	
26	6 9	5 38	5 1	4 37	4 2	3 36	3 0	2 0	
27	6 9	5 38	5 1	4 36	4 1	3 35	2 59	1 56	
28	6 9	5 38	5 1	4 36	4 0	3 34	2 57	1 53	
29	6 10	5 38	5 0	4 35	3 59	3 33	2 55	1 50	
30	6 10	5 38	5 0	4 34	3 58	3 31	2 53	1 47	
31	6 10	5 38	5 0	4 34	3 57	3 30	2 52	1 43	
Juni 1	6 10	5 38	5 0	4 34	3 56	3 29	2 50	1 40	
2	6 11	5 38	4 59	4 33	3 56	3 28	2 49	1 37	
3	6 11	5 38	4 59	4 33	3 55	3 27	2 47	1 34	
4	6 11	5 38	4 59	4 32	3 54	3 26	2 46	1 31	
5	6 11	5 38	4 59	4 32	3 54	3 26	2 45	1 28	
6	6 12	5 38	4 59	4 32	3 53	3 25	2 43	1 26	
7	6 12	5 38	4 59	4 31	3 52	3 24	2 42	1 23	
8	6 12	5 38	4 58	4 31	3 52	3 23	2 41	1 20	
9	6 12	5 38	4 58	4 31	3 52	3 23	2 40	1 18	
10	6 13	5 38	4 58	4 31	3 51	3 22	2 39	1 15	
11	6 13	5 39	4 58	4 31	3 51	3 22	2 39	1 13	
12	6 13	5 39	4 58	4 31	3 51	3 21	2 38	1 11	
13	6 13	5 39	4 58	4 31	3 50	3 21	2 37	1 9	
14	6 14	5 39	4 58	4 31	3 50	3 21	2 37	1 7	

Sonnenuntergang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m
Mai 4	17 49	18 12	18 39	18 57	19 22	19 40	20 3	20 39	21 42
5	17 48	18 12	18 39	18 58	19 23	19 42	20 6	20 42	21 48
6	17 48	18 12	18 40	18 59	19 25	19 44	20 8	20 46	21 54
7	17 48	18 12	18 41	19 0	19 26	19 45	20 11	20 49	22 1
8	17 48	18 12	18 41	19 1	19 28	19 47	20 13	20 53	22 8
9	17 47	18 12	18 42	19 2	19 29	19 49	20 16	20 56	22 15
10	17 47	18 13	18 43	19 3	19 31	19 51	20 18	21 0	22 23
11	17 47	18 13	18 43	19 4	19 32	19 53	20 21	21 3	22 31
12	17 47	18 13	18 44	19 5	19 34	19 55	20 23	21 7	22 40
13	17 46	18 13	18 45	19 6	19 35	19 57	20 25	21 10	22 50
14	17 46	18 13	18 45	19 7	19 37	19 58	20 28	21 14	23 2
15	17 46	18 14	18 46	19 8	19 38	20 0	20 30	21 17	23 16
16	17 46	18 14	18 47	19 9	19 39	20 2	20 33	21 21	23 36
17	17 46	18 14	18 47	19 10	19 41	20 4	20 35	21 25	
18	17 46	18 14	18 48	19 10	19 42	20 5	20 37	21 28	
19	17 45	18 14	18 48	19 11	19 44	20 7	20 39	21 32	
20	17 45	18 15	18 49	19 12	19 45	20 9	20 42	21 35	
21	17 45	18 15	18 50	19 13	19 46	20 11	20 44	21 39	
22	17 45	18 15	18 50	19 14	19 47	20 12	20 46	21 43	
23	17 45	18 15	18 51	19 15	19 49	20 14	20 48	21 46	
24	17 45	18 16	18 51	19 16	19 50	20 15	20 51	21 50	
25	17 45	18 16	18 52	19 17	19 51	20 17	20 53	21 53	
26	17 45	18 16	18 53	19 17	19 52	20 18	20 55	21 57	
27	17 45	18 16	18 53	19 18	19 54	20 20	20 57	22 0	
28	17 45	18 17	18 54	19 19	19 55	20 21	20 59	22 4	
29	17 45	18 17	18 54	19 20	19 56	20 23	21 1	22 7	
30	17 45	18 17	18 55	19 21	19 57	20 24	21 3	22 11	
31	17 45	18 17	18 56	19 21	19 58	20 26	21 5	22 14	
Juni 1	17 45	18 18	18 56	19 22	19 59	20 27	21 6	22 18	
2	17 45	18 18	18 57	19 23	20 0	20 28	21 8	22 21	
3	17 45	18 18	18 57	19 24	20 1	20 30	21 10	22 24	
4	17 45	18 19	18 58	19 24	20 2	20 31	21 11	22 28	
5	17 45	18 19	18 58	19 25	20 3	20 32	21 13	22 31	
6	17 45	18 19	18 59	19 25	20 4	20 33	21 14	22 34	
7	17 45	18 19	18 59	19 26	20 5	20 34	21 16	22 37	
8	17 46	18 20	19 0	19 27	20 6	20 35	21 17	22 40	
9	17 46	18 20	19 0	19 27	20 6	20 36	21 19	22 43	
10	17 46	18 20	19 0	19 28	20 7	20 37	21 20	22 45	
11	17 46	18 20	19 1	19 28	20 8	20 38	21 21	22 48	
12	17 46	18 21	19 1	19 29	20 9	20 38	21 22	22 50	
13	17 46	18 21	19 2	19 29	20 9	20 39	21 23	22 53	
14	17 46	18 21	19 2	19 30	20 10	20 40	21 24	22 55	

Sonnenaufgang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942		h m	h m	h m	h m	h m	h m	h m	h m	
Juni	14	6 14	5 39	4 58	4 31	3 50	3 21	2 37	1 7	
	15	6 14	5 39	4 58	4 31	3 50	3 20	2 36	1 5	
	16	6 14	5 39	4 58	4 31	3 50	3 20	2 36	1 4	
	17	6 15	5 40	4 58	4 31	3 50	3 20	2 36	1 3	
	18	6 15	5 40	4 58	4 31	3 50	3 20	2 35	1 2	
	19	6 15	5 40	4 59	4 31	3 50	3 20	2 35	1 1	
	20	6 15	5 40	4 59	4 31	3 50	3 20	2 35	1 0	
	21	6 15	5 40	4 59	4 31	3 50	3 20	2 35	1 0	
	22	6 16	5 40	4 59	4 31	3 50	3 21	2 36	1 0	
	23	6 16	5 41	4 59	4 31	3 51	3 21	2 36	1 0	
	24	6 16	5 41	5 0	4 32	3 51	3 21	2 36	1 1	
	25	6 16	5 41	5 0	4 32	3 51	3 22	2 37	1 2	
	26	6 16	5 41	5 0	4 32	3 52	3 22	2 37	1 3	
	27	6 17	5 42	5 1	4 33	3 52	3 22	2 38	1 5	
	28	6 17	5 42	5 1	4 33	3 52	3 23	2 39	1 6	
	29	6 17	5 42	5 1	4 33	3 53	3 24	2 39	1 8	
	30	6 17	5 42	5 2	4 34	3 54	3 24	2 40	1 10	
Juli	1	6 17	5 43	5 2	4 34	3 54	3 25	2 41	1 13	
	2	6 17	5 43	5 2	4 35	3 55	3 26	2 42	1 15	
	3	6 18	5 43	5 2	4 35	3 55	3 26	2 43	1 17	
	4	6 18	5 43	5 3	4 36	3 56	3 27	2 45	1 20	
	5	6 18	5 43	5 3	4 37	3 57	3 28	2 46	1 23	
	6	6 18	5 44	5 4	4 37	3 58	3 29	2 47	1 26	
	7	6 18	5 44	5 4	4 38	3 58	3 30	2 49	1 29	
	8	6 18	5 44	5 5	4 38	3 59	3 31	2 50	1 32	
	9	6 18	5 45	5 5	4 39	4 0	3 32	2 52	1 35	
	10	6 18	5 45	5 6	4 40	4 1	3 34	2 53	1 38	
	11	6 18	5 45	5 6	4 40	4 2	3 35	2 55	1 42	
	12	6 18	5 45	5 7	4 41	4 3	3 36	2 56	1 45	
	13	6 18	5 46	5 7	4 42	4 4	3 37	2 58	1 48	
	14	6 18	5 46	5 8	4 42	4 5	3 39	3 0	1 52	
	15	6 18	5 46	5 8	4 43	4 6	3 40	3 2	1 55	
	16	6 18	5 46	5 9	4 44	4 7	3 41	3 4	1 59	
	17	6 18	5 47	5 9	4 45	4 8	3 43	3 6	2 2	
	18	6 18	5 47	5 10	4 45	4 10	3 44	3 8	2 6	
	19	6 18	5 47	5 10	4 46	4 11	3 46	3 10	2 9	
	20	6 18	5 47	5 11	4 47	4 12	3 47	3 12	2 13	
	21	6 18	5 47	5 12	4 48	4 13	3 49	3 14	2 16	
	22	6 18	5 48	5 12	4 49	4 14	3 50	3 16	2 20	
	23	6 18	5 48	5 13	4 49	4 16	3 52	3 18	2 23	
	24	6 18	5 48	5 14	4 50	4 17	3 54	3 21	2 27	
	25	6 17	5 48	5 14	4 51	4 18	3 55	3 23	2 30	

Mittlere Ortszeit — Meridian von Greenwich

Tag		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942		h m	h m	h m	h m	h m	h m	h m	h m	
Juni	14	17 46	18 21	19 2	19 30	20 10	20 40	21 24	22 55	
	15	17 46	18 21	19 2	19 30	20 10	20 40	21 25	22 57	
	16	17 47	18 22	19 3	19 30	20 11	20 41	21 25	22 58	
	17	17 47	18 22	19 3	19 31	20 11	20 41	21 26	23 0	
	18	17 47	18 22	19 3	19 31	20 12	20 42	21 27	23 1	
	19	17 47	18 22	19 4	19 32	20 12	20 42	21 27	23 2	
	20	17 47	18 23	19 4	19 32	20 12	20 43	21 27	23 3	
	21	17 48	18 23	19 4	19 32	20 13	20 43	21 28	23 3	
	22	17 48	18 23	19 4	19 32	20 13	20 43	21 28	23 3	
	23	17 48	18 23	19 5	19 32	20 13	20 43	21 28	23 3	
	24	17 48	18 23	19 5	19 33	20 13	20 43	21 28	23 3	
	25	17 48	18 24	19 5	19 33	20 13	20 43	21 28	23 2	
	26	17 49	18 24	19 5	19 33	20 13	20 43	21 28	23 1	
	27	17 49	18 24	19 5	19 33	20 13	20 43	21 27	23 0	
	28	17 49	18 24	19 5	19 33	20 13	20 43	21 27	22 58	
	29	17 49	18 24	19 5	19 33	20 13	20 43	21 27	22 57	
	30	17 50	18 24	19 5	19 33	20 13	20 42	21 26	22 55	
Juli	1	17 50	18 25	19 5	19 33	20 13	20 42	21 25	22 53	
	2	17 50	18 25	19 5	19 33	20 12	20 42	21 25	22 51	
	3	17 50	18 25	19 5	19 32	20 12	20 41	21 24	22 48	
	4	17 51	18 25	19 5	19 32	20 12	20 41	21 23	22 46	
	5	17 51	18 25	19 5	19 32	20 12	20 40	21 22	22 43	
	6	17 51	18 25	19 5	19 32	20 11	20 39	21 21	22 41	
	7	17 51	18 25	19 5	19 31	20 10	20 39	21 20	22 38	
	8	17 52	18 25	19 5	19 31	20 10	20 38	21 19	22 35	
	9	17 52	18 25	19 4	19 31	20 9	20 37	21 17	22 32	
	10	17 52	18 25	19 4	19 30	20 8	20 36	21 16	22 29	
	11	17 52	18 25	19 4	19 30	20 8	20 35	21 15	22 26	
	12	17 53	18 26	19 4	19 30	20 7	20 34	21 13	22 23	
	13	17 53	18 26	19 4	19 29	20 6	20 33	21 12	22 20	
	14	17 53	18 26	19 3	19 29	20 5	20 32	21 10	22 17	
	15	17 53	18 26	19 3	19 28	20 5	20 31	21 8	22 14	
	16	17 54	18 26	19 3	19 28	20 4	20 30	21 7	22 10	
	17	17 54	18 25	19 2	19 27	20 3	20 28	21 5	22 7	
	18	17 54	18 25	19 2	19 26	20 2	20 27	21 3	22 4	
	19	17 54	18 25	19 1	19 26	20 1	20 26	21 1	22 0	
	20	17 54	18 25	19 1	19 25	20 0	20 24	20 59	21 57	
	21	17 55	18 25	19 0	19 24	19 58	20 23	20 57	21 54	
	22	17 55	18 25	19 0	19 24	19 57	20 21	20 55	21 50	
	23	17 55	18 25	18 59	19 23	19 56	20 20	20 53	21 47	
	24	17 55	18 25	18 59	19 22	19 55	20 18	20 51	21 43	
	25	17 56	18 25	18 58	19 21	19 54	20 17	20 49	21 40	

Sonnenaufgang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942		h m	h m	h m	h m	h m	h m	h m	h m	h m
Juli	25	6 17	5 48	5 14	4 51	4 18	3 55	3 23	2 30	
	26	6 17	5 48	5 15	4 52	4 20	3 57	3 25	2 34	
	27	6 17	5 49	5 15	4 53	4 21	3 59	3 27	2 37	
	28	6 17	5 49	5 16	4 54	4 22	4 0	3 30	2 41	0 18
	29	6 17	5 49	5 17	4 55	4 24	4 2	3 32	2 44	0 41
	30	6 17	5 49	5 17	4 56	4 25	4 4	3 34	2 48	0 57
	31	6 16	5 49	5 18	4 57	4 26	4 6	3 37	2 51	1 9
Aug.	1	6 16	5 49	5 19	4 58	4 28	4 7	3 39	2 55	1 19
	2	6 16	5 50	5 19	4 58	4 29	4 9	3 41	2 58	1 28
	3	6 15	5 50	5 20	4 59	4 31	4 11	3 44	3 2	1 37
	4	6 15	5 50	5 20	5 0	4 32	4 13	3 46	3 5	1 45
	5	6 15	5 50	5 21	5 1	4 33	4 14	3 48	3 9	1 52
	6	6 15	5 50	5 22	5 2	4 35	4 16	3 51	3 12	1 59
	7	6 14	5 50	5 22	5 3	4 36	4 18	3 53	3 16	2 6
	8	6 14	5 50	5 23	5 4	4 38	4 20	3 55	3 19	2 12
	9	6 14	5 50	5 23	5 5	4 39	4 22	3 58	3 22	2 18
	10	6 13	5 51	5 24	5 6	4 41	4 24	4 0	3 26	2 24
	11	6 13	5 51	5 25	5 7	4 42	4 26	4 3	3 29	2 30
	12	6 13	5 51	5 25	5 8	4 44	4 27	4 5	3 33	2 36
	13	6 12	5 51	5 26	5 9	4 45	4 29	4 7	3 36	2 42
	14	6 12	5 51	5 26	5 10	4 46	4 31	4 10	3 39	2 47
	15	6 11	5 51	5 27	5 11	4 48	4 33	4 12	3 43	2 52
	16	6 11	5 51	5 27	5 12	4 50	4 35	4 15	3 46	2 58
	17	6 10	5 51	5 28	5 13	4 51	4 37	4 17	3 49	3 3
	18	6 10	5 51	5 29	5 14	4 52	4 39	4 20	3 52	3 8
	19	6 10	5 51	5 29	5 15	4 54	4 40	4 22	3 56	3 13
	20	6 9	5 51	5 30	5 16	4 56	4 42	4 24	3 59	3 18
	21	6 9	5 51	5 31	5 16	4 57	4 44	4 27	4 2	3 23
	22	6 8	5 51	5 31	5 17	4 58	4 46	4 29	4 5	3 27
	23	6 8	5 51	5 32	5 18	5 0	4 48	4 32	4 8	3 32
	24	6 7	5 51	5 32	5 19	5 1	4 50	4 34	4 12	3 37
	25	6 7	5 51	5 33	5 20	5 3	4 52	4 36	4 15	3 41
	26	6 6	5 51	5 33	5 21	5 4	4 54	4 39	4 18	3 46
	27	6 5	5 51	5 34	5 22	5 6	4 55	4 41	4 21	3 50
	28	6 5	5 51	5 34	5 23	5 7	4 57	4 44	4 24	3 55
	29	6 4	5 51	5 35	5 24	5 9	4 59	4 46	4 27	3 59
	30	6 4	5 51	5 35	5 25	5 10	5 1	4 48	4 31	4 3
	31	6 3	5 51	5 36	5 26	5 12	5 3	4 51	4 34	4 8
Sept.	1	6 3	5 51	5 37	5 27	5 13	5 5	4 53	4 37	4 12
	2	6 2	5 51	5 37	5 28	5 15	5 7	4 55	4 40	4 16
	3	6 2	5 51	5 38	5 29	5 16	5 9	4 58	4 43	4 20
	4	6 1	5 51	5 38	5 30	5 18	5 10	5 0	4 46	4 25

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942		h m	h m	h m	h m	h m	h m	h m	h m	h m
Juli	25	17 56	18 25	18 58	19 21	19 54	20 17	20 49	21 40	
	26	17 56	18 24	18 58	19 20	19 52	20 15	20 46	21 36	
	27	17 56	18 24	18 57	19 19	19 51	20 13	20 44	21 33	
	28	17 56	18 24	18 56	19 19	19 50	20 11	20 42	21 29	23 32
	29	17 56	18 24	18 56	19 18	19 48	20 10	20 39	21 26	23 16
	30	17 56	18 23	18 55	19 17	19 47	20 8	20 37	21 22	23 4
	31	17 57	18 23	18 54	19 15	19 45	20 6	20 35	21 19	22 54
Aug.	1	17 57	18 23	18 54	19 14	19 44	20 4	20 32	21 15	22 45
	2	17 57	18 23	18 53	19 13	19 42	20 2	20 30	21 11	22 36
	3	17 57	18 22	18 52	19 12	19 41	20 0	20 27	21 8	22 28
	4	17 57	18 22	18 51	19 11	19 39	19 58	20 25	21 4	22 21
	5	17 57	18 22	18 51	19 10	19 38	19 56	20 22	21 1	22 14
	6	17 57	18 21	18 50	19 9	19 36	19 54	20 19	20 57	22 7
	7	17 57	18 21	18 49	19 8	19 34	19 52	20 17	20 53	22 0
	8	17 57	18 21	18 48	19 7	19 32	19 50	20 14	20 50	21 54
	9	17 58	18 20	18 47	19 5	19 31	19 48	20 11	20 46	21 47
	10	17 58	18 20	18 46	19 4	19 29	19 46	20 9	20 43	21 41
	11	17 58	18 20	18 46	19 3	19 27	19 44	20 6	20 39	21 35
	12	17 58	18 19	18 45	19 2	19 25	19 41	20 3	20 35	21 29
	13	17 58	18 19	18 44	19 0	19 24	19 39	20 1	20 32	21 24
	14	17 58	18 19	18 43	18 59	19 22	19 37	19 58	20 28	21 18
	15	17 58	18 18	18 42	18 58	19 20	19 35	19 55	20 24	21 13
	16	17 58	18 18	18 41	18 56	19 18	19 33	19 52	20 21	21 7
	17	17 58	18 17	18 40	18 55	19 16	19 30	19 49	20 17	21 2
	18	17 58	18 17	18 39	18 54	19 14	19 28	19 47	20 13	20 56
	19	17 58	18 16	18 38	18 52	19 12	19 26	19 44	20 10	20 51
	20	17 58	18 16	18 37	18 51	19 10	19 23	19 41	20 6	20 46
	21	17 58	18 15	18 36	18 49	19 8	19 21	19 38	20 2	20 40
	22	17 58	18 15	18 35	18 48	19 6	19 19	19 35	19 58	20 35
	23	17 58	18 14	18 34	18 46	19 4	19 16	19 32	19 55	20 30
	24	17 58	18 14	18 32	18 45	19 2	19 14	19 29	19 51	20 25
	25	17 58	18 13	18 31	18 43	19 0	19 11	19 26	19 47	20 20
	26	17 58	18 13	18 30	18 42	18 58	19 9	19 23	19 44	20 15
	27	17 58	18 12	18 29	18 40	18 56	19 7	19 20	19 40	20 10
	28	17 58	18 12	18 28	18 39	18 54	19 4	19 18	19 36	20 5
	29	17 58	18 11	18 27	18 37	18 52	19 2	19 15	19 33	20 0
	30	17 58	18 11	18 25	18 36	18 50	18 59	19 12	19 29	19 55
	31	17 58	18 10	18 24	18 34	18 48	18 57	19 9	19 25	19 50
Sept.	1	17 58	18 9	18 23	18 33	18 46	18 54	19 6	19 22	19 45
	2	17 58	18 9	18 22	18 31	18 44	18 52	19 3	19 18	19 41
	3	17 58	18 8	18 21	18 30	18 42	18 49	19 0	19 14	19 36
	4	17 58	18 8	18 19	18 28	18 40	18 47	18 57	19 10	19 31

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Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942		h m	h m	h m	h m	h m	h m	h m	h m	h m
Sept.	4	6 1	5 51	5 38	5 30	5 18	5 10	5 0	4 46	4 25
	5	6 0	5 51	5 39	5 31	5 19	5 12	5 3	4 49	4 29
	6	6 0	5 51	5 40	5 32	5 21	5 14	5 5	4 52	4 33
	7	5 59	5 51	5 40	5 33	5 22	5 16	5 7	4 55	4 37
	8	5 59	5 51	5 41	5 34	5 24	5 18	5 10	4 58	4 41
	9	5 58	5 50	5 41	5 35	5 25	5 20	5 12	5 1	4 45
	10	5 57	5 50	5 42	5 35	5 27	5 22	5 14	5 4	4 49
	11	5 57	5 50	5 42	5 36	5 28	5 23	5 17	5 7	4 53
	12	5 56	5 50	5 43	5 37	5 30	5 25	5 19	5 10	4 57
	13	5 56	5 50	5 43	5 38	5 31	5 27	5 21	5 13	5 1
	14	5 55	5 50	5 44	5 39	5 33	5 29	5 24	5 16	5 5
	15	5 54	5 50	5 44	5 40	5 34	5 31	5 26	5 19	5 9
	16	5 54	5 50	5 45	5 41	5 36	5 33	5 28	5 22	5 13
	17	5 53	5 50	5 45	5 42	5 37	5 35	5 31	5 25	5 17
	18	5 52	5 50	5 46	5 43	5 39	5 37	5 33	5 28	5 21
	19	5 52	5 50	5 46	5 44	5 40	5 38	5 36	5 31	5 25
	20	5 51	5 49	5 47	5 45	5 42	5 40	5 38	5 34	5 29
	21	5 50	5 49	5 47	5 46	5 43	5 42	5 40	5 37	5 33
	22	5 50	5 49	5 48	5 47	5 45	5 44	5 43	5 40	5 37
	23	5 49	5 49	5 49	5 48	5 46	5 46	5 45	5 43	5 41
	24	5 49	5 49	5 49	5 49	5 48	5 48	5 47	5 46	5 45
	25	5 48	5 49	5 50	5 50	5 49	5 50	5 50	5 49	5 49
	26	5 47	5 49	5 50	5 51	5 51	5 52	5 52	5 52	5 53
	27	5 47	5 49	5 51	5 52	5 52	5 53	5 54	5 55	5 57
	28	5 46	5 49	5 52	5 53	5 54	5 55	5 57	5 58	6 1
	29	5 46	5 49	5 52	5 54	5 55	5 57	5 59	6 1	6 5
	30	5 45	5 49	5 53	5 55	5 57	5 59	6 1	6 4	6 9
Okt.	1	5 44	5 49	5 53	5 55	5 58	6 1	6 4	6 7	6 13
	2	5 44	5 49	5 54	5 56	6 0	6 3	6 6	6 10	6 17
	3	5 43	5 49	5 54	5 57	6 2	6 5	6 9	6 13	6 21
	4	5 43	5 49	5 55	5 58	6 3	6 7	6 11	6 16	6 25
	5	5 42	5 49	5 56	5 59	6 5	6 9	6 13	6 20	6 29
	6	5 41	5 48	5 56	6 0	6 6	6 11	6 16	6 23	6 33
	7	5 41	5 48	5 57	6 1	6 8	6 13	6 18	6 26	6 37
	8	5 40	5 48	5 57	6 2	6 9	6 15	6 21	6 29	6 41
	9	5 40	5 48	5 58	6 3	6 11	6 16	6 23	6 32	6 45
	10	5 39	5 49	5 59	6 5	6 12	6 18	6 25	6 35	6 49
	11	5 39	5 49	5 59	6 6	6 14	6 20	6 28	6 38	6 53
	12	5 38	5 49	6 0	6 7	6 16	6 22	6 30	6 41	6 57
	13	5 38	5 49	6 1	6 8	6 17	6 24	6 33	6 44	7 2
	14	5 37	5 49	6 1	6 9	6 19	6 26	6 35	6 48	7 6
	15	5 37	5 49	6 2	6 10	6 20	6 28	6 38	6 51	7 10

Sonnenuntergang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m
Sept. 4	17 58	18 8	18 19	18 28	18 40	18 47	18 57	19 10	19 31
5	17 58	18 7	18 18	18 26	18 37	18 44	18 54	19 7	19 26
6	17 58	18 6	18 17	18 25	18 35	18 42	18 51	19 3	19 21
7	17 57	18 6	18 16	18 23	18 33	18 39	18 48	18 59	19 17
8	17 57	18 5	18 15	18 22	18 31	18 37	18 45	18 56	19 12
9	17 57	18 5	18 13	18 20	18 29	18 34	18 42	18 52	19 7
10	17 57	18 4	18 12	18 18	18 26	18 32	18 39	18 48	19 2
11	17 57	18 3	18 11	18 17	18 24	18 29	18 35	18 44	18 58
12	17 57	18 3	18 10	18 15	18 22	18 26	18 32	18 41	18 53
13	17 57	18 2	18 9	18 13	18 20	18 24	18 29	18 37	18 48
14	17 57	18 2	18 7	18 12	18 18	18 21	18 26	18 33	18 44
15	17 57	18 1	18 6	18 10	18 16	18 19	18 23	18 30	18 39
16	17 57	18 0	18 5	18 8	18 13	18 16	18 20	18 26	18 34
17	17 57	18 0	18 4	18 7	18 11	18 14	18 17	18 22	18 30
18	17 57	17 59	18 2	18 5	18 9	18 11	18 14	18 19	18 25
19	17 56	17 58	18 1	18 3	18 7	18 8	18 11	18 15	18 20
20	17 56	17 58	18 0	18 2	18 4	18 6	18 8	18 11	18 16
21	17 56	17 57	17 59	18 0	18 2	18 3	18 5	18 8	18 11
22	17 56	17 56	17 57	17 58	18 0	18 1	18 2	18 4	18 7
23	17 56	17 56	17 56	17 57	17 58	17 58	17 59	18 0	18 2
24	17 56	17 55	17 55	17 55	17 56	17 56	17 56	17 56	17 57
25	17 56	17 55	17 53	17 54	17 54	17 53	17 53	17 53	17 53
26	17 56	17 54	17 52	17 52	17 51	17 51	17 50	17 49	17 48
27	17 56	17 53	17 51	17 50	17 49	17 48	17 47	17 45	17 43
28	17 56	17 53	17 50	17 49	17 47	17 45	17 44	17 42	17 39
29	17 56	17 52	17 48	17 47	17 45	17 43	17 41	17 38	17 34
30	17 56	17 51	17 47	17 45	17 42	17 40	17 38	17 34	17 30
Okt. 1	17 56	17 51	17 46	17 44	17 40	17 38	17 35	17 31	17 25
2	17 56	17 50	17 45	17 42	17 38	17 35	17 32	17 27	17 20
3	17 56	17 50	17 43	17 40	17 36	17 33	17 29	17 23	17 16
4	17 56	17 49	17 42	17 39	17 34	17 30	17 26	17 20	17 11
5	17 55	17 49	17 41	17 37	17 32	17 28	17 23	17 16	17 7
6	17 55	17 48	17 40	17 36	17 30	17 25	17 20	17 13	17 2
7	17 55	17 47	17 39	17 34	17 27	17 23	17 17	17 9	16 57
8	17 55	17 47	17 38	17 32	17 25	17 20	17 14	17 5	16 53
9	17 55	17 46	17 36	17 31	17 23	17 18	17 11	17 2	16 48
10	17 55	17 46	17 35	17 29	17 21	17 15	17 8	16 58	16 43
11	17 56	17 45	17 34	17 28	17 19	17 13	17 5	16 54	16 39
12	17 56	17 45	17 33	17 26	17 17	17 10	17 2	16 51	16 34
13	17 56	17 44	17 32	17 25	17 15	17 8	16 59	16 47	16 30
14	17 56	17 44	17 31	17 23	17 13	17 5	16 56	16 44	16 25
15	17 56	17 43	17 30	17 22	17 11	17 3	16 53	16 40	16 20

Sonnenaufgang 1942

Mittlere Ortszeit | Meridian von Greenwich

Tag		Geographische Breite								
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942		h m	h m	h m	h m	h m	h m	h m	h m	h m
Okt.	15	5 37	5 49	6 2	6 10	6 20	6 28	6 38	6 51	7 10
	16	5 36	5 49	6 2	6 11	6 22	6 30	6 40	6 54	7 14
	17	5 36	5 49	6 3	6 12	6 24	6 32	6 43	6 57	7 19
	18	5 35	5 49	6 4	6 13	6 25	6 34	6 45	7 0	7 23
	19	5 35	5 49	6 4	6 14	6 27	6 36	6 48	7 3	7 27
	20	5 34	5 49	6 5	6 15	6 28	6 38	6 50	7 7	7 32
	21	5 34	5 49	6 6	6 16	6 30	6 40	6 53	7 10	7 36
	22	5 33	5 49	6 6	6 17	6 32	6 42	6 55	7 13	7 40
	23	5 33	5 49	6 7	6 18	6 33	6 44	6 58	7 16	7 45
	24	5 33	5 49	6 8	6 19	6 35	6 46	7 0	7 20	7 49
	25	5 32	5 49	6 8	6 21	6 37	6 48	7 3	7 23	7 54
	26	5 32	5 49	6 9	6 22	6 38	6 50	7 5	7 26	7 59
	27	5 32	5 50	6 10	6 23	6 40	6 52	7 8	7 30	8 3
	28	5 31	5 50	6 11	6 24	6 42	6 54	7 10	7 33	8 8
	29	5 31	5 50	6 11	6 25	6 43	6 56	7 13	7 36	8 13
	30	5 31	5 50	6 12	6 26	6 45	6 58	7 15	7 40	8 18
	31	5 30	5 50	6 13	6 27	6 46	7 0	7 18	7 43	8 23
Nov.	1	5 30	5 51	6 14	6 28	6 48	7 2	7 21	7 46	8 27
	2	5 30	5 51	6 15	6 30	6 50	7 4	7 23	7 50	8 32
	3	5 29	5 51	6 15	6 31	6 52	7 7	7 26	7 53	8 37
	4	5 29	5 51	6 16	6 32	6 53	7 9	7 28	7 56	8 43
	5	5 29	5 52	6 17	6 33	6 55	7 11	7 31	8 0	8 48
	6	5 29	5 52	6 18	6 34	6 56	7 13	7 33	8 3	8 53
	7	5 29	5 52	6 18	6 35	6 58	7 15	7 36	8 7	8 59
	8	5 28	5 52	6 19	6 36	7 0	7 17	7 39	8 10	9 4
	9	5 28	5 53	6 20	6 38	7 2	7 19	7 41	8 14	9 10
	10	5 28	5 53	6 21	6 39	7 3	7 21	7 44	8 17	9 15
	11	5 28	5 53	6 21	6 40	7 5	7 23	7 46	8 21	9 21
	12	5 28	5 53	6 22	6 41	7 6	7 25	7 49	8 24	9 27
	13	5 28	5 54	6 23	6 42	7 8	7 27	7 51	8 28	9 33
	14	5 28	5 54	6 24	6 43	7 10	7 29	7 54	8 31	9 39
	15	5 28	5 54	6 24	6 44	7 11	7 31	7 56	8 35	9 46
	16	5 28	5 55	6 25	6 46	7 13	7 33	7 59	8 38	9 52
	17	5 28	5 55	6 26	6 47	7 15	7 35	8 1	8 42	9 59
	18	5 28	5 56	6 27	6 48	7 16	7 37	8 4	8 45	10 6
	19	5 28	5 56	6 28	6 49	7 18	7 39	8 6	8 49	10 14
	20	5 28	5 56	6 29	6 50	7 20	7 41	8 9	8 52	10 22
	21	5 28	5 57	6 29	6 51	7 21	7 42	8 11	8 55	10 30
	22	5 28	5 57	6 30	6 52	7 22	7 44	8 14	8 59	10 39
	23	5 28	5 58	6 31	6 54	7 24	7 46	8 16	9 2	10 49
	24	5 28	5 58	6 32	6 55	7 26	7 48	8 18	9 6	11 1
	25	5 28	5 59	6 33	6 56	7 27	7 50	8 21	9 9	11 17

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m
Okt. 15	17 56	17 43	17 30	17 22	17 11	17 3	16 53	16 40	16 20
16	17 56	17 43	17 29	17 20	17 9	17 0	16 50	16 36	16 16
17	17 56	17 42	17 28	17 19	17 7	16 58	16 47	16 33	16 11
18	17 56	17 42	17 27	17 17	17 5	16 56	16 45	16 29	16 6
19	17 56	17 41	17 26	17 16	17 3	16 53	16 42	16 26	16 1
20	17 56	17 41	17 25	17 15	17 1	16 51	16 39	16 22	15 57
21	17 56	17 41	17 24	17 13	16 59	16 49	16 36	16 18	15 52
22	17 56	17 40	17 23	17 12	16 57	16 46	16 33	16 15	15 47
23	17 56	17 40	17 22	17 10	16 55	16 44	16 30	16 11	15 43
24	17 56	17 39	17 21	17 9	16 53	16 42	16 28	16 8	15 38
25	17 56	17 39	17 20	17 8	16 51	16 40	16 25	16 4	15 33
26	17 56	17 39	17 19	17 6	16 49	16 37	16 22	16 1	15 28
27	17 57	17 38	17 18	17 5	16 47	16 35	16 19	15 57	15 23
28	17 57	17 38	17 17	17 4	16 45	16 33	16 17	15 54	15 18
29	17 57	17 38	17 16	17 2	16 44	16 31	16 14	15 50	15 14
30	17 57	17 37	17 15	17 1	16 42	16 29	16 11	15 47	15 9
31	17 57	17 37	17 14	17 0	16 40	16 26	16 9	15 44	15 4
Nov. 1	17 58	17 37	17 14	16 59	16 38	16 24	16 6	15 40	14 59
2	17 58	17 37	17 13	16 57	16 37	16 22	16 3	15 37	14 54
3	17 58	17 36	17 12	16 56	16 35	16 20	16 1	15 33	14 49
4	17 58	17 36	17 11	16 55	16 33	16 18	15 58	15 30	14 43
5	17 59	17 36	17 11	16 54	16 32	16 16	15 56	15 26	14 38
6	17 59	17 36	17 10	16 53	16 30	16 14	15 53	15 23	14 33
7	17 59	17 36	17 9	16 52	16 28	16 12	15 51	15 20	14 28
8	17 59	17 35	17 9	16 51	16 27	16 10	15 48	15 16	14 23
9	18 0	17 35	17 8	16 50	16 25	16 8	15 46	15 13	14 17
10	18 0	17 35	17 7	16 49	16 24	16 6	15 43	15 10	14 12
11	18 0	17 35	17 7	16 48	16 22	16 5	15 41	15 6	14 6
12	18 1	17 35	17 6	16 47	16 21	16 3	15 39	15 3	14 0
13	18 1	17 35	17 5	16 46	16 20	16 1	15 36	15 0	13 55
14	18 1	17 35	17 5	16 45	16 18	15 59	15 34	14 57	13 49
15	18 2	17 35	17 4	16 44	16 17	15 58	15 32	14 54	13 43
16	18 2	17 35	17 4	16 44	16 16	15 56	15 30	14 51	13 36
17	18 2	17 35	17 4	16 43	16 14	15 55	15 28	14 48	13 30
18	18 3	17 35	17 3	16 42	16 13	15 53	15 26	14 44	13 23
19	18 3	17 35	17 3	16 41	16 12	15 52	15 24	14 41	13 16
20	18 4	17 35	17 2	16 41	16 11	15 50	15 22	14 38	13 9
21	18 4	17 35	17 2	16 40	16 10	15 49	15 20	14 35	13 1
22	18 5	17 35	17 2	16 39	16 9	15 47	15 18	14 33	12 52
23	18 5	17 35	17 1	16 39	16 8	15 46	15 16	14 30	12 43
24	18 5	17 35	17 1	16 38	16 7	15 45	15 14	14 27	12 31
25	18 6	17 35	17 1	16 38	16 6	15 44	15 13	14 24	12 16

Sonnenaufgang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942		h m	h m	h m	h m	h m	h m	h m	h m	h m
Nov.	25	5 28	5 59	6 33	6 56	7 27	7 50	8 21	9 9	11 17
	26	5 28	5 59	6 34	6 57	7 29	7 52	8 23	9 12	
	27	5 28	5 59	6 34	6 58	7 30	7 53	8 25	9 16	
	28	5 29	6 0	6 35	6 59	7 32	7 55	8 27	9 19	
	29	5 29	6 0	6 36	7 0	7 33	7 57	8 30	9 22	
	30	5 29	6 1	6 37	7 1	7 34	7 59	8 32	9 25	
Dez.	1	5 29	6 1	6 38	7 2	7 36	8 0	8 34	9 28	
	2	5 29	6 2	6 38	7 3	7 37	8 2	8 36	9 32	
	3	5 30	6 2	6 39	7 4	7 38	8 3	8 38	9 35	
	4	5 30	6 3	6 40	7 5	7 40	8 5	8 40	9 37	
	5	5 30	6 3	6 41	7 6	7 41	8 6	8 42	9 40	
	6	5 31	6 4	6 42	7 7	7 42	8 8	8 44	9 43	
	7	5 31	6 4	6 43	7 8	7 43	8 9	8 45	9 46	
	8	5 31	6 5	6 43	7 9	7 44	8 10	8 47	9 48	
	9	5 32	6 6	6 44	7 10	7 46	8 12	8 49	9 51	
	10	5 32	6 6	6 45	7 10	7 47	8 13	8 50	9 53	
	11	5 32	6 7	6 45	7 11	7 48	8 14	8 52	9 56	
	12	5 33	6 7	6 46	7 12	7 49	8 15	8 53	9 58	
	13	5 33	6 8	6 47	7 13	7 50	8 16	8 54	10 0	
	14	5 34	6 8	6 47	7 14	7 50	8 17	8 56	10 2	
	15	5 34	6 9	6 48	7 14	7 51	8 18	8 57	10 4	
	16	5 35	6 9	6 49	7 15	7 52	8 19	8 58	10 5	
	17	5 35	6 10	6 49	7 16	7 53	8 20	8 59	10 7	
	18	5 35	6 10	6 50	7 16	7 54	8 21	9 0	10 8	
	19	5 36	6 11	6 50	7 17	7 54	8 22	9 0	10 9	
	20	5 36	6 11	6 51	7 18	7 55	8 22	9 1	10 10	
	21	5 37	6 12	6 51	7 18	7 56	8 23	9 2	10 11	
	22	5 37	6 12	6 52	7 19	7 56	8 23	9 2	10 11	
	23	5 38	6 13	6 52	7 19	7 57	8 24	9 3	10 12	
	24	5 38	6 13	6 53	7 20	7 57	8 24	9 3	10 12	
	25	5 39	6 14	6 53	7 20	7 58	8 25	9 3	10 12	
	26	5 39	6 14	6 54	7 20	7 58	8 25	9 4	10 12	
	27	5 40	6 15	6 54	7 21	7 58	8 25	9 4	10 12	
	28	5 40	6 15	6 54	7 21	7 58	8 25	9 4	10 11	
	29	5 41	6 16	6 55	7 21	7 59	8 25	9 4	10 11	
	30	5 42	6 16	6 55	7 22	7 59	8 25	9 3	10 10	
	31	5 42	6 16	6 55	7 22	7 59	8 25	9 3	10 9	

Sonnenuntergang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite								
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m
Nov. 25	18 6	17 35	17 1	16 38	16 6	15 44	15 13	14 24	12 16
26	18 6	17 35	17 1	16 37	16 5	15 42	15 11	14 21	
27	18 7	17 36	17 0	16 37	16 4	15 41	15 9	14 19	
28	18 7	17 36	17 0	16 36	16 4	15 40	15 8	14 16	
29	18 8	17 36	17 0	16 36	16 3	15 39	15 6	14 14	
30	18 8	17 36	17 0	16 36	16 2	15 38	15 5	14 11	
Dez. 1	18 9	17 36	17 0	16 36	16 2	15 37	15 4	14 9	
2	18 9	17 37	17 0	16 35	16 1	15 37	15 2	14 7	
3	18 10	17 37	17 0	16 35	16 1	15 36	15 1	14 4	
4	18 10	17 37	17 0	16 35	16 0	15 35	15 0	14 2	
5	18 11	17 38	17 0	16 35	16 0	15 34	14 59	14 0	
6	18 11	17 38	17 0	16 35	15 59	15 34	14 58	13 58	
7	18 12	17 38	17 0	16 35	15 59	15 33	14 57	13 57	
8	18 12	17 39	17 0	16 35	15 59	15 33	14 56	13 55	
9	18 13	17 39	17 1	16 35	15 58	15 33	14 56	13 53	
10	18 13	17 39	17 1	16 35	15 58	15 32	14 55	13 52	
11	18 14	17 40	17 1	16 35	15 58	15 32	14 54	13 50	
12	18 14	17 40	17 1	16 35	15 58	15 32	14 54	13 49	
13	18 15	17 41	17 1	16 35	15 58	15 32	14 54	13 48	
14	18 16	17 41	17 2	16 35	15 58	15 32	14 53	13 47	
15	18 16	17 41	17 2	16 36	15 58	15 32	14 53	13 46	
16	18 17	17 42	17 2	16 36	15 58	15 32	14 53	13 46	
17	18 17	17 42	17 3	16 36	15 59	15 32	14 53	13 45	
18	18 18	17 43	17 3	16 37	15 59	15 32	14 53	13 45	
19	18 18	17 43	17 4	16 37	15 59	15 32	14 53	13 45	
20	18 19	17 44	17 4	16 37	16 0	15 33	14 54	13 45	
21	18 19	17 44	17 4	16 38	16 0	15 33	14 54	13 45	
22	18 20	17 45	17 5	16 38	16 1	15 33	14 54	13 46	
23	18 20	17 45	17 5	16 39	16 1	15 34	14 55	13 46	
24	18 21	17 46	17 6	16 39	16 2	15 35	14 56	13 47	
25	18 21	17 46	17 7	16 40	16 2	15 35	14 56	13 48	
26	18 22	17 47	17 7	16 41	16 3	15 36	14 57	13 49	
27	18 22	17 47	17 8	16 41	16 4	15 37	14 58	13 50	
28	18 22	17 48	17 9	16 42	16 4	15 38	14 59	13 52	
29	18 23	17 48	17 9	16 43	16 5	15 39	15 0	13 54	
30	18 23	17 49	17 10	16 43	16 6	15 40	15 1	13 55	
31	18 24	17 49	17 10	16 44	16 7	15 41	15 3	13 57	

Mondaufgang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Jan. 1	17 33	17 5	16 33	16 11	15 41	15 21	14 53	14 10	12 44	−1.3
2	18 22	17 54	17 22	17 1	16 31	16 11	15 43	15 0	13 35	−1.5
3	19 10	18 44	18 14	17 54	17 26	17 8	16 41	16 3	14 51	−1.6
4	19 57	19 34	19 8	18 51	18 26	18 10	17 48	17 16	16 21	−1.7
5	20 43	20 25	20 3	19 49	19 30	19 17	19 0	18 35	17 56	−1.8
6	21 28	21 15	21 0	20 50	20 37	20 28	20 16	19 59	19 33	−1.9
7	22 13	22 6	21 58	21 52	21 45	21 40	21 34	21 25	21 12	−1.9
8	22 58	22 57	22 56	22 56	22 55	22 55	22 54	22 53	22 51	−2.0
9	23 44	23 50	23 56	— —	— —	— —	— —	— —	— —	—
10	— —	— —	— —	0 1	0 7	0 10	0 16	0 23	0 33	−2.0
11	0 32	0 44	0 58	1 7	1 20	1 28	1 39	1 55	2 19	−2.0
12	1 23	1 41	2 2	2 15	2 34	2 47	3 5	3 29	4 8	−2.1
13	2 17	2 40	3 7	3 24	3 49	4 6	4 29	5 3	6 2	−2.0
14	3 14	3 41	4 12	4 32	5 1	5 21	5 49	6 30	7 51	−1.9
15	4 14	4 42	5 15	5 37	6 7	6 29	6 58	7 42	9 14	−1.7
16	5 16	5 43	6 15	6 36	7 5	7 25	7 53	8 35	9 54	−1.5
17	6 16	6 41	7 9	7 28	7 54	8 11	8 35	9 9	10 8	−1.2
18	7 15	7 35	7 58	8 14	8 34	8 48	9 7	9 33	10 14	−1.0
19	8 11	8 26	8 42	8 54	9 8	9 18	9 31	9 49	10 16	−0.9
20	9 4	9 13	9 23	9 29	9 38	9 44	9 52	10 2	10 17	−0.8
21	9 54	9 57	10 0	10 2	10 5	10 6	10 9	10 12	10 17	−0.7
22	10 43	10 39	10 36	10 33	10 30	10 28	10 25	10 22	10 17	−0.7
23	11 30	11 21	11 11	11 4	10 55	10 50	10 42	10 32	10 17	−0.7
24	12 17	12 2	11 46	11 36	11 21	11 12	11 0	10 42	10 17	−0.8
25	13 4	12 44	12 23	12 9	11 50	11 36	11 20	10 56	10 18	−0.8
26	13 51	13 28	13 1	12 44	12 21	12 4	11 43	11 12	10 22	−0.9
27	14 38	14 12	13 43	13 23	12 56	12 38	12 13	11 36	10 30	−1.1
28	15 27	14 59	14 27	14 7	13 37	13 17	12 50	12 8	10 48	−1.2
29	16 15	15 47	15 15	14 54	14 24	14 4	13 36	12 53	11 28	−1.4
30	17 4	16 37	16 6	15 46	15 17	14 58	14 31	13 50	12 34	−1.6
31	17 52	17 28	17 0	16 42	16 16	15 59	15 35	15 0	13 59	−1.7
Febr. 1	18 39	18 19	17 56	17 41	17 20	17 6	16 46	16 19	15 34	−1.8
2	19 26	19 11	18 53	18 42	18 26	18 16	18 2	17 42	17 12	−1.9
3	20 12	20 3	19 52	19 45	19 35	19 29	19 20	19 9	18 52	−1.9
4	20 57	20 54	20 51	20 49	20 46	20 44	20 41	20 37	20 32	−2.0
5	21 43	21 47	21 51	21 54	21 57	22 0	22 3	22 7	22 14	−2.0
6	22 31	22 40	22 52	22 59	23 9	23 16	23 26	23 38	23 57	−2.0
7	23 20	23 35	23 54	— —	— —	— —	— —	— —	— —	—
8	— —	— —	— —	0 6	0 23	0 34	0 49	1 10	1 44	−2.0
9	0 11	0 32	0 57	1 13	1 35	1 51	2 12	2 42	3 32	−2.0
10	1 5	1 30	2 0	2 19	2 46	3 5	3 31	4 9	5 19	−1.9
11	2 2	2 30	3 1	3 23	3 53	4 13	4 42	5 25	6 52	−1.8

Monduntergang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Jan. 1	4 40	5 8	5 39	6 0	6 30	6 50	7 19	8 0	9 25	−1.4
2	5 28	5 56	6 28	6 50	7 20	7 40	8 8	8 52	10 17	−1.3
3	6 18	6 45	7 16	7 36	8 4	8 24	8 50	9 30	10 43	−1.2
4	7 8	7 32	8 0	8 19	8 44	9 1	9 24	9 58	10 55	−1.0
5	7 58	8 19	8 43	8 58	9 19	9 33	9 52	10 18	11 0	−0.9
6	8 49	9 5	9 23	9 34	9 50	10 1	10 15	10 34	11 2	−0.8
7	9 40	9 50	10 2	10 9	10 19	10 26	10 34	10 46	11 3	−0.8
8	10 31	10 35	10 39	10 42	10 46	10 49	10 52	10 57	11 3	−0.8
9	11 22	11 20	11 18	11 16	11 13	11 12	11 10	11 7	11 3	−0.8
10	12 16	12 7	11 57	11 51	11 42	11 36	11 28	11 18	11 3	−0.8
11	13 11	12 56	12 39	12 28	12 13	12 2	11 50	11 31	11 4	−0.9
12	14 9	13 48	13 25	13 9	12 48	12 34	12 15	11 49	11 7	−1.1
13	15 9	14 44	14 15	13 56	13 30	13 12	12 48	12 12	11 12	−1.3
14	16 10	15 42	15 10	14 49	14 20	13 59	13 31	12 49	11 28	−1.5
15	17 11	16 43	16 11	15 49	15 19	14 57	14 28	13 44	12 12	−1.7
16	18 11	17 44	17 14	16 54	16 25	16 5	15 38	14 57	13 38	−1.9
17	19 7	18 45	18 18	18 1	17 36	17 20	16 57	16 24	15 27	−2.0
18	20 0	19 42	19 22	19 8	18 49	18 37	18 20	17 56	17 17	−2.0
19	20 48	20 37	20 23	20 14	20 1	19 53	19 42	19 26	19 3	−2.0
20	21 34	21 28	21 22	21 17	21 11	21 7	21 2	20 54	20 43	−1.9
21	22 18	22 18	22 18	22 18	22 19	22 19	22 19	22 20	22 20	−1.8
22	23 0	23 6	23 13	23 17	23 24	23 28	23 34	23 41	23 52	−1.8
23	23 41	23 53	— —	— —	— —	— —	— —	— —	— —	—
24	— —	— —	0 6	0 15	0 27	0 35	0 46	1 1	1 23	−1.7
25	0 22	0 39	0 58	1 11	1 29	1 40	1 56	2 18	2 53	−1.7
26	1 5	1 26	1 50	2 6	2 29	2 44	3 4	3 33	4 22	−1.6
27	1 49	2 13	2 42	3 0	3 27	3 44	4 9	4 45	5 48	−1.6
28	2 35	3 2	3 32	3 53	4 22	4 42	5 9	5 50	7 8	−1.5
29	3 22	3 50	4 22	4 43	5 13	5 34	6 2	6 45	8 10	−1.4
30	4 11	4 39	5 10	5 31	6 0	6 20	6 48	7 28	8 47	−1.2
31	5 2	5 27	5 56	6 16	6 42	7 0	7 25	8 1	9 4	−1.1
Febr. 1	5 53	6 15	6 40	6 57	7 20	7 35	7 56	8 25	9 12	−1.0
2	6 44	7 2	7 22	7 35	7 53	8 5	8 20	8 42	9 15	−0.9
3	7 36	7 48	8 2	8 11	8 23	8 31	8 42	8 56	9 17	−0.8
4	8 27	8 34	8 41	8 45	8 51	8 55	9 0	9 7	9 17	−0.8
5	9 20	9 19	9 19	9 19	9 19	9 19	9 18	9 18	9 18	−0.8
6	10 12	10 6	9 58	9 54	9 47	9 42	9 37	9 29	9 18	−0.8
7	11 7	10 54	10 39	10 30	10 17	10 8	9 57	9 42	9 19	−0.9
8	12 2	11 44	11 23	11 9	10 50	10 37	10 20	9 57	9 21	−1.0
9	13 0	12 37	12 10	11 52	11 28	11 11	10 49	10 18	9 25	−1.2
10	13 59	13 32	13 2	12 41	12 13	11 54	11 27	10 48	9 37	−1.4
11	14 58	14 30	13 58	13 36	13 6	12 45	12 16	11 33	10 5	−1.6

Mondaufgang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Febr. 11	2 2	2 30	3 1	3 23	3 53	4 13	4 42	5 25	6 52	−1.8
12	3 1	3 29	4 1	4 22	4 52	5 13	5 42	6 24	7 50	−1.5
13	4 0	4 26	4 56	5 16	5 44	6 3	6 28	7 6	8 14	−1.3
14	4 59	5 21	5 47	6 4	6 27	6 43	7 4	7 34	8 24	−1.1
15	5 55	6 13	6 33	6 46	7 4	7 16	7 32	7 54	8 28	−1.0
16	6 50	7 2	7 15	7 24	7 36	7 44	7 54	8 8	8 30	−0.8
17	7 42	7 48	7 54	7 59	8 5	8 8	8 13	8 20	8 30	−0.8
18	8 32	8 32	8 32	8 31	8 31	8 31	8 30	8 30	8 30	−0.7
19	9 21	9 15	9 7	9 3	8 57	8 53	8 47	8 40	8 30	−0.7
20	10 9	9 57	9 43	9 34	9 23	9 15	9 5	8 51	8 30	−0.7
21	10 56	10 39	10 20	10 7	9 50	9 39	9 24	9 3	8 32	−0.8
22	11 43	11 22	10 58	10 42	10 20	10 6	9 46	9 19	8 35	−0.9
23	12 31	12 6	11 38	11 20	10 54	10 37	10 13	9 39	8 41	−1.0
24	13 19	12 52	12 21	12 1	11 33	11 13	10 47	10 7	8 54	−1.1
25	14 7	13 39	13 7	12 46	12 17	11 56	11 28	10 46	9 23	−1.3
26	14 55	14 28	13 57	13 36	13 7	12 47	12 19	11 37	10 17	−1.5
27	15 44	15 18	14 49	14 30	14 3	13 44	13 19	12 42	11 34	−1.6
28	16 31	16 10	15 44	15 28	15 5	14 49	14 27	13 56	13 5	−1.8
März 1	17 19	17 1	16 42	16 28	16 11	15 58	15 42	15 19	14 42	−1.9
2	18 6	17 54	17 40	17 32	17 20	17 11	17 1	16 46	16 23	−1.9
3	18 52	18 47	18 41	18 37	18 31	18 27	18 22	18 16	18 6	−2.0
4	19 39	19 40	19 42	19 42	19 44	19 44	19 46	19 47	19 49	−2.0
5	20 27	20 35	20 44	20 50	20 58	21 3	21 10	21 20	21 35	−2.1
6	21 17	21 30	21 47	21 58	22 12	22 22	22 36	22 54	23 22	−2.1
7	22 8	22 27	22 50	23 5	23 26	23 40	— —	— —	— —	−2.0
8	23 2	23 25	23 53	— —	— —	— —	0 0	0 27	1 12	—
9	23 57	— —	— —	0 12	0 38	0 56	1 20	1 56	3 0	−1.9
10	— —	0 24	0 55	1 16	1 45	2 6	2 33	3 15	4 38	−1.8
11	0 54	1 22	1 54	2 16	2 46	3 7	3 36	4 19	5 47	−1.6
12	1 52	2 19	2 50	3 10	3 39	3 59	4 25	5 5	6 21	−1.4
13	2 49	3 13	3 41	3 59	4 24	4 41	5 4	5 37	6 33	−1.2
14	3 45	4 5	4 27	4 42	5 2	5 16	5 34	5 59	6 39	−1.0
15	4 39	4 54	5 10	5 21	5 35	5 45	5 58	6 15	6 41	−0.9
16	5 32	5 40	5 49	5 56	6 4	6 10	6 17	6 27	6 42	−0.8
17	6 22	6 24	6 27	6 29	6 31	6 33	6 35	6 38	6 42	−0.7
18	7 12	7 8	7 4	7 1	6 57	6 55	6 52	6 48	6 42	−0.7
19	8 0	7 50	7 40	7 33	7 23	7 17	7 9	6 58	6 42	−0.7
20	8 48	8 33	8 16	8 5	7 50	7 40	7 27	7 10	6 43	−0.8
21	9 36	9 16	8 54	8 39	8 19	8 6	7 48	7 24	6 45	−0.9
22	10 23	10 0	9 33	9 16	8 52	8 35	8 13	7 42	6 50	−1.0
23	11 11	10 45	10 15	9 56	9 28	9 9	8 44	8 6	6 59	−1.1
24	11 59	11 31	11 0	10 39	10 10	9 49	9 22	8 40	7 20	−1.2

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Febr. 11	14 58	14 30	13 58	13 36	13 6	12 45	12 16	11 33	10 5	−1.6
12	15 56	15 29	14 58	14 36	14 7	13 46	13 18	12 35	11 9	−1.8
13	16 53	16 28	16 0	15 41	15 14	14 56	14 31	13 54	12 47	−1.9
14	17 46	17 26	17 3	16 47	16 25	16 10	15 51	15 22	14 35	−2.0
15	18 37	18 22	18 4	17 53	17 38	17 27	17 13	16 53	16 22	−2.0
16	19 24	19 15	19 5	18 58	18 49	18 42	18 34	18 23	18 6	−2.0
17	20 9	20 7	20 3	20 2	19 58	19 56	19 54	19 51	19 46	−1.9
18	20 53	20 56	21 0	21 2	21 6	21 8	21 11	21 15	21 21	−1.8
19	21 35	21 44	21 55	22 2	22 11	22 17	22 26	22 37	22 54	−1.8
20	22 17	22 32	22 48	22 59	23 14	23 24	23 38	23 56	— —	−1.7
21	23 0	23 19	23 41	23 56	— —	— —	— —	— —	0 26	—
22	23 43	— —	— —	— —	0 16	0 29	0 48	1 13	1 56	−1.7
23	— —	0 6	0 33	0 50	1 15	1 31	1 54	2 27	3 24	−1.6
24	0 28	0 54	1 24	1 43	2 11	2 30	2 56	3 35	4 46	−1.5
25	1 14	1 42	2 14	2 34	3 4	3 24	3 52	4 34	5 57	−1.4
26	2 2	2 30	3 2	3 23	3 52	4 13	4 41	5 23	6 44	−1.3
27	2 52	3 19	3 49	4 9	4 36	4 56	5 22	6 0	7 9	−1.2
28	3 43	4 7	4 34	4 52	5 16	5 33	5 55	6 27	7 21	−1.0
März 1	4 34	4 54	5 17	5 31	5 51	6 5	6 22	6 47	7 26	−0.9
2	5 27	5 41	5 58	6 9	6 23	6 33	6 46	7 3	7 29	−0.9
3	6 19	6 28	6 38	6 44	6 53	6 58	7 6	7 15	7 30	−0.8
4	7 13	7 15	7 17	7 19	7 21	7 23	7 24	7 27	7 30	−0.8
5	8 6	8 2	7 57	7 54	7 50	7 47	7 43	7 38	7 31	−0.8
6	9 1	8 51	8 38	8 30	8 20	8 12	8 3	7 50	7 32	−0.9
7	9 58	9 41	9 22	9 9	8 52	8 41	8 26	8 5	7 33	−1.0
8	10 55	10 33	10 8	9 52	9 29	9 14	8 53	8 24	7 37	−1.1
9	11 53	11 28	10 58	10 39	10 12	9 53	9 28	8 51	7 46	−1.3
10	12 52	12 24	11 52	11 31	11 1	10 41	10 13	9 30	8 7	−1.5
11	13 49	13 22	12 50	12 28	11 58	11 37	11 9	10 26	8 58	−1.7
12	14 45	14 19	13 50	13 30	13 2	12 42	12 17	11 37	10 22	−1.8
13	15 38	15 16	14 50	14 34	14 10	13 54	13 32	13 0	12 6	−1.9
14	16 28	16 11	15 51	15 38	15 20	15 8	14 51	14 28	13 51	−2.0
15	17 16	17 5	16 51	16 43	16 30	16 22	16 12	15 57	15 34	−1.9
16	18 2	17 56	17 50	17 46	17 40	17 36	17 31	17 24	16 14	−1.9
17	18 45	18 46	18 47	18 47	18 48	18 48	18 49	18 50	18 51	−1.9
18	19 28	19 35	19 43	19 48	19 54	19 59	20 5	20 13	20 25	−1.8
19	20 11	20 23	20 37	20 46	20 59	21 8	21 19	21 34	21 58	−1.8
20	20 54	21 11	21 31	21 44	22 2	22 14	22 30	22 54	23 30	−1.7
21	21 37	21 58	22 23	22 40	23 3	23 18	23 39	— —	— —	−1.6
22	22 21	22 46	23 15	23 34	— —	— —	— —	0 9	1 0	—
23	23 7	23 34	— —	— —	0 0	0 18	0 44	1 20	2 26	−1.6
24	23 54	— —	0 5	0 26	0 55	1 15	1 42	2 23	3 42	−1.5

Mondaufgang 1942

Mittlere Ortszeit | Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
März 24	11 59	11 31	11 0	10 39	10 10	9 49	9 22	8 40	7 20	−1.2
25	12 47	12 19	11 47	11 26	10 57	10 36	10 8	9 26	8 2	−1.4
26	13 34	13 8	12 38	12 18	11 50	11 30	11 3	10 24	9 9	−1.5
27	14 22	13 58	13 31	13 13	12 48	12 31	12 8	11 33	10 34	−1.7
28	15 9	14 49	14 27	14 12	13 51	13 37	13 18	12 52	12 9	−1.8
29	15 56	15 41	15 24	15 14	14 59	14 48	14 35	14 16	13 48	−1.9
30	16 42	16 34	16 24	16 18	16 9	16 3	15 56	15 45	15 29	−2.0
31	17 30	17 28	17 26	17 24	17 22	17 21	17 19	17 17	17 14	−2.1
April 1	18 18	18 23	18 29	18 32	18 37	18 41	18 45	18 51	19 1	−2.1
2	19 8	19 20	19 33	19 42	19 54	20 2	20 13	20 28	20 51	−2.1
3	20 1	20 18	20 39	20 52	21 11	21 24	21 41	22 5	22 44	−2.1
4	20 55	21 18	21 44	22 2	22 26	22 43	23 6	23 40	— —	−2.0
5	21 51	22 18	22 48	23 9	23 37	23 57	— —	— —	0 38	−1.9
6	22 49	23 17	23 50	— —	— —	— —	0 24	1 5	2 23	—
7	23 47	— —	— —	0 11	0 41	1 3	1 32	2 16	3 46	−1.7
8	— —	0 15	0 47	1 8	1 37	1 58	2 26	3 7	4 28	−1.4
9	0 45	1 10	1 39	1 58	2 24	2 43	3 7	3 43	4 45	−1.2
10	1 40	2 2	2 26	2 42	3 4	3 19	3 38	4 6	4 51	−1.0
11	2 34	2 50	3 9	3 21	3 38	3 49	4 3	4 23	4 54	−0.9
12	3 26	3 37	3 49	3 56	4 7	4 14	4 23	4 36	4 54	−0.8
13	4 16	4 21	4 26	4 29	4 34	4 37	4 41	4 46	4 54	−0.7
14	5 5	5 4	5 2	5 1	5 0	4 59	4 58	4 56	4 54	−0.7
15	5 53	5 46	5 38	5 32	5 25	5 20	5 14	5 6	4 54	−0.7
16	6 41	6 28	6 14	6 4	5 51	5 43	5 32	5 17	4 54	−0.8
17	7 29	7 11	6 51	6 38	6 19	6 7	5 51	5 29	4 55	−0.8
18	8 17	7 55	7 29	7 13	6 50	6 35	6 14	5 45	4 58	−0.9
19	9 5	8 39	8 10	7 51	7 25	7 7	6 42	6 6	5 4	−1.0
20	9 53	9 25	8 54	8 33	8 4	7 44	7 17	6 36	5 18	−1.2
21	10 40	10 12	9 40	9 19	8 49	8 28	7 59	7 16	5 49	−1.3
22	11 28	11 0	10 29	10 8	9 39	9 19	8 51	8 9	6 47	−1.5
23	12 14	11 49	11 20	11 1	10 34	10 16	9 50	9 13	8 6	−1.6
24	13 0	12 39	12 14	11 57	11 34	11 19	10 58	10 27	9 36	−1.7
25	13 46	13 29	13 9	12 56	12 39	12 26	12 10	11 48	11 12	−1.8
26	14 32	14 20	14 7	13 58	13 46	13 38	13 28	13 13	12 51	−1.9
27	15 18	15 13	15 7	15 3	14 57	14 54	14 49	14 42	14 33	−2.0
28	16 6	16 7	16 8	16 10	16 11	16 12	16 13	16 15	16 18	−2.1
29	16 55	17 3	17 13	17 19	17 28	17 34	17 41	17 51	18 7	−2.1
30	17 47	18 2	18 19	18 30	18 46	18 57	19 11	19 31	20 1	−2.2
Mai 1	18 41	19 2	19 26	19 42	20 4	20 20	20 40	21 10	21 59	−2.1
2	19 39	20 4	20 33	20 53	21 20	21 40	22 6	22 44	23 56	−2.0
3	20 38	21 6	21 38	22 0	22 30	22 52	23 21	— —	— —	−1.8
4	21 39	22 7	22 40	23 1	23 32	23 53	— —	0 5	1 38	−1.6

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
März 24	23 54	— —	0 5	0 26	0 55	1 15	1 42	2 23	3 42	−1.5
25	— —	0 22	0 54	1 15	1 45	2 5	2 34	3 16	4 40	−1.3
26	0 42	1 10	1 41	2 2	2 30	2 50	3 17	3 58	5 14	−1.2
27	1 32	1 57	2 26	2 45	3 11	3 29	3 53	4 28	5 29	−1.1
28	2 22	2 44	3 9	3 25	3 48	4 3	4 23	4 51	5 36	−1.0
29	3 14	3 31	3 51	4 4	4 21	4 32	4 47	5 8	5 40	−0.9
30	4 6	4 18	4 31	4 39	4 51	4 58	5 8	5 22	5 41	−0.8
31	5 0	5 5	5 11	5 15	5 20	5 23	5 28	5 33	5 42	−0.8
April 1	5 54	5 53	5 51	5 50	5 49	5 48	5 46	5 45	5 42	−0.8
2	6 50	6 42	6 33	6 27	6 19	6 13	6 6	5 57	5 43	−0.9
3	7 47	7 33	7 16	7 5	6 51	6 41	6 28	6 10	5 44	−1.0
4	8 46	8 26	8 3	7 48	7 26	7 12	6 54	6 27	5 46	−1.1
5	9 46	9 22	8 53	8 34	8 8	7 50	7 27	6 52	5 52	−1.3
6	10 46	10 19	9 47	9 26	8 57	8 37	8 9	7 28	6 8	−1.4
7	11 45	11 17	10 45	10 23	9 53	9 32	9 2	8 18	6 48	−1.6
8	12 42	12 15	11 44	11 24	10 55	10 35	10 7	9 26	8 5	−1.8
9	13 35	13 12	12 44	12 26	12 1	11 44	11 20	10 46	9 45	−1.9
10	14 26	14 6	13 45	13 30	13 10	12 56	12 38	12 12	11 29	−1.9
11	15 13	15 0	14 44	14 33	14 19	14 9	13 57	13 39	13 12	−1.9
12	15 58	15 50	15 42	15 36	15 28	15 22	15 15	15 6	14 51	−1.9
13	16 42	16 40	16 38	16 37	16 36	16 34	16 33	16 30	16 27	−1.9
14	17 24	17 28	17 34	17 37	17 42	17 44	17 48	17 54	18 2	−1.8
15	18 6	18 16	18 28	18 36	18 46	18 54	19 2	19 16	19 35	−1.8
16	18 49	19 4	19 22	19 34	19 50	20 1	20 15	20 35	21 7	−1.7
17	19 32	19 52	20 15	20 31	20 52	21 6	21 26	21 53	22 38	−1.7
18	20 16	20 40	21 7	21 26	21 51	22 8	22 32	23 7	— —	−1.6
19	21 1	21 28	21 58	22 19	22 47	23 7	23 34	— —	0 7	−1.5
20	21 48	22 16	22 48	23 9	23 39	— —	— —	0 14	1 30	−1.4
21	22 35	23 3	23 35	23 56	— —	0 0	0 28	1 11	2 37	—
22	23 24	23 50	— —	— —	0 26	0 47	1 15	1 57	3 20	−1.2
23	— —	— —	0 20	0 40	1 8	1 27	1 53	2 31	3 40	−1.1
24	0 13	0 37	1 3	1 21	1 45	2 2	2 24	2 56	3 49	−1.0
25	1 3	1 23	1 45	2 0	2 19	2 33	2 50	3 15	3 53	−0.9
26	1 54	2 8	2 25	2 35	2 50	3 0	3 12	3 29	3 55	−0.8
27	2 45	2 54	3 4	3 10	3 19	3 24	3 31	3 41	3 55	−0.8
28	3 39	3 41	3 43	3 45	3 47	3 48	3 50	3 52	3 55	−0.8
29	4 34	4 29	4 24	4 20	4 15	4 12	4 8	4 3	3 55	−0.8
30	5 31	5 19	5 6	4 58	4 46	4 38	4 28	4 15	3 55	−0.9
Mai 1	6 30	6 12	5 52	5 38	5 20	5 8	4 52	4 30	3 56	−1.0
2	7 31	7 8	6 42	6 24	6 0	5 44	5 22	4 51	3 59	−1.2
3	8 34	8 7	7 36	7 16	6 47	6 27	6 1	5 21	4 8	−1.4
4	9 35	9 7	8 34	8 12	7 42	7 20	6 51	6 6	4 34	−1.6

Mondaufgang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Mai 4	21 39	22 7	22 40	23 1	23 32	23 53	— —	0 5	1 38	−1.6
5	22 38	23 5	23 35	23 55	— —	— —	0 22	1 6	2 36	—
6	23 36	23 59	— —	— —	0 23	0 43	1 9	1 48	2 58	−1.3
7	— —	— —	0 25	0 42	1 6	1 23	1 44	2 15	3 6	−1.1
8	0 31	0 49	1 10	1 24	1 42	1 55	2 11	2 33	3 9	−0.9
9	1 23	1 36	1 50	2 0	2 12	2 21	2 32	2 47	3 9	−0.8
10	2 14	2 20	2 28	2 33	2 40	2 44	2 50	2 58	3 9	−0.7
11	3 3	3 3	3 4	3 4	3 5	3 6	3 6	3 7	3 8	−0.7
12	3 50	3 45	3 39	3 35	3 30	3 26	3 22	3 16	3 8	−0.7
13	4 38	4 27	4 14	4 6	3 55	3 48	3 38	3 26	3 7	−0.7
14	5 25	5 9	4 50	4 38	4 22	4 11	3 57	3 37	3 7	−0.8
15	6 13	5 52	5 28	5 12	4 51	4 37	4 18	3 51	3 8	−0.9
16	7 0	6 36	6 8	5 49	5 24	5 6	4 43	4 10	3 12	−1.0
17	7 48	7 21	6 50	6 30	6 1	5 42	5 15	4 35	3 21	−1.1
18	8 36	8 8	7 35	7 14	6 44	6 23	5 54	5 10	3 42	−1.3
19	9 24	8 56	8 23	8 2	7 32	7 11	6 42	5 58	4 30	−1.4
20	10 10	9 44	9 13	8 53	8 25	8 6	7 38	6 58	5 43	−1.5
21	10 56	10 33	10 6	9 48	9 23	9 6	8 42	8 8	7 10	−1.7
22	11 41	11 22	10 59	10 44	10 24	10 10	9 52	9 26	8 43	−1.8
23	12 26	12 11	11 55	11 44	11 29	11 19	11 6	10 47	10 18	−1.8
24	13 10	13 2	12 52	12 46	12 37	12 31	12 23	12 13	11 57	−1.9
25	13 56	13 53	13 51	13 49	13 47	13 46	13 44	13 41	13 38	−2.0
26	14 42	14 47	14 52	14 56	15 0	15 4	15 8	15 14	15 22	−2.1
27	15 32	15 43	15 56	16 5	16 17	16 25	16 36	16 50	17 13	−2.2
28	16 24	16 42	17 3	17 16	17 35	17 48	18 5	18 30	19 9	−2.2
29	17 20	17 44	18 11	18 29	18 53	19 11	19 34	20 9	21 9	−2.1
30	18 20	18 47	19 19	19 40	20 9	20 30	20 58	21 40	23 6	−2.0
31	19 22	19 51	20 24	20 46	21 17	21 39	22 9	22 55	— —	−1.8
Juni 1	20 24	20 52	21 24	21 46	22 16	22 37	23 5	23 48	0 34	−1.5
2	21 25	21 50	22 19	22 38	23 4	23 22	23 46	— —	1 10	−1.2
3	22 23	22 44	23 7	23 23	23 44	23 58	— —	0 21	1 21	−1.0
4	23 18	23 34	23 50	— —	— —	— —	0 16	0 43	1 24	—
5	— —	— —	— —	0 2	0 17	0 27	0 40	0 58	1 25	−0.9
6	0 11	0 19	0 30	0 36	0 45	0 51	0 59	1 9	1 24	−0.8
7	1 1	1 3	1 6	1 8	1 11	1 13	1 15	1 19	1 24	−0.7
8	1 49	1 45	1 42	1 39	1 36	1 34	1 31	1 28	1 23	−0.7
9	2 36	2 27	2 16	2 10	2 1	1 55	1 47	1 37	1 22	−0.7
10	3 23	3 8	2 52	2 41	2 27	2 17	2 4	1 47	1 21	−0.7
11	4 10	3 50	3 29	3 14	2 55	2 41	2 24	2 0	1 22	−0.8
12	4 58	4 34	4 7	3 50	3 26	3 9	2 47	2 16	1 24	−0.9
13	5 45	5 19	4 49	4 29	4 1	3 42	3 16	2 38	1 29	−1.1
14	6 33	6 5	5 33	5 11	4 42	4 21	3 52	3 9	1 44	−1.2

Monduntergang 1942

Mittlere Ortszeit | Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Mai 4	9 35	9 7	8 34	8 12	7 42	7 20	6 51	6 6	4 34	−1.6
5	10 35	10 7	9 35	9 14	8 44	8 23	7 54	7 10	5 41	−1.8
6	11 31	11 6	10 37	10 18	9 51	9 32	9 7	8 29	7 20	−1.9
7	12 23	12 3	11 39	11 23	11 1	10 45	10 25	9 56	9 7	−1.9
8	13 12	12 56	12 38	12 27	12 10	11 59	11 44	11 24	10 52	−1.9
9	13 58	13 48	13 37	13 29	13 20	13 12	13 4	12 51	12 33	−1.9
10	14 41	14 38	14 33	14 31	14 27	14 24	14 21	14 16	14 9	−1.8
11	15 23	15 26	15 29	15 30	15 33	15 34	15 36	15 39	15 43	−1.8
12	16 5	16 13	16 23	16 29	16 37	16 43	16 50	17 1	17 16	−1.8
13	16 47	17 0	17 16	17 27	17 41	17 50	18 3	18 21	18 48	−1.7
14	17 29	17 48	18 9	18 24	18 43	18 56	19 14	19 39	20 20	−1.7
15	18 13	18 35	19 2	19 19	19 43	20 0	20 22	20 55	21 50	−1.6
16	18 57	19 24	19 53	20 13	20 41	21 0	21 26	22 5	23 18	−1.5
17	19 44	20 11	20 43	21 5	21 35	21 55	22 24	23 7	— —	−1.4
18	20 31	20 59	21 32	21 53	22 24	22 45	23 14	23 57	0 34	−1.3
19	21 19	21 46	22 18	22 38	23 7	23 28	23 55	— —	1 27	−1.1
20	22 7	22 32	23 1	23 20	23 46	— —	— —	0 36	1 53	−1.0
21	22 56	23 18	23 42	23 58	— —	0 4	0 28	1 3	2 4	—
22	23 46	— —	— —	— —	0 20	0 36	0 55	1 23	2 8	−0.9
23	— —	0 2	0 22	0 34	0 51	1 3	1 18	1 38	2 10	−0.8
24	0 35	0 47	1 0	1 8	1 20	1 27	1 37	1 50	2 10	−0.8
25	1 26	1 32	1 38	1 42	1 47	1 50	1 55	2 1	2 9	−0.8
26	2 19	2 18	2 16	2 15	2 14	2 13	2 12	2 11	2 9	−0.8
27	3 14	3 6	2 57	2 51	2 43	2 38	2 31	2 22	2 8	−0.8
28	4 11	3 56	3 40	3 29	3 14	3 4	2 52	2 34	2 8	−0.9
29	5 12	4 51	4 27	4 12	3 51	3 36	3 18	2 51	2 9	−1.1
30	6 14	5 48	5 19	5 0	4 34	4 16	3 51	3 15	2 13	−1.3
31	7 18	6 49	6 17	5 55	5 25	5 4	4 35	3 52	2 26	−1.6
Juni 1	8 20	7 52	7 19	6 56	6 26	6 4	5 34	4 48	3 9	−1.8
2	9 21	8 54	8 23	8 2	7 33	7 13	6 45	6 3	4 41	−1.9
3	10 17	9 54	9 27	9 9	8 45	8 28	8 5	7 31	6 33	−2.0
4	11 8	10 50	10 30	10 16	9 57	9 44	9 27	9 3	8 24	−2.0
5	11 56	11 44	11 30	11 21	11 8	11 0	10 49	10 33	10 9	−1.9
6	12 41	12 35	12 28	12 24	12 17	12 13	12 8	12 1	11 50	−1.9
7	13 24	13 24	13 24	13 24	13 24	13 25	13 25	13 25	13 25	−1.8
8	14 5	14 12	14 19	14 23	14 30	14 34	14 40	14 47	14 58	−1.8
9	14 47	14 59	15 12	15 21	15 34	15 42	15 53	16 8	16 30	−1.8
10	15 28	15 46	16 5	16 18	16 36	16 48	17 4	17 26	18 2	−1.7
11	16 11	16 33	16 58	17 14	17 37	17 52	18 13	18 43	19 33	−1.7
12	16 55	17 20	17 49	18 8	18 35	18 54	19 19	19 56	21 3	−1.6
13	17 41	18 8	18 40	19 1	19 30	19 51	20 19	21 1	22 25	−1.5
14	18 28	18 56	19 29	19 51	20 21	20 43	21 12	21 56	23 29	−1.3

Mondaufgang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Juni 14	6 33	6 5	5 33	5 11	4 42	4 21	3 52	3 9	1 44	−1.2
15	7 21	6 53	6 20	5 58	5 28	5 6	4 37	3 52	2 20	−1.4
16	8 8	7 41	7 9	6 48	6 19	5 59	5 31	4 48	3 25	−1.5
17	8 54	8 29	8 1	7 42	7 15	6 57	6 32	5 55	4 49	−1.6
18	9 39	9 18	8 54	8 38	8 15	8 0	7 40	7 10	6 21	−1.7
19	10 23	10 7	9 48	9 35	9 18	9 7	8 51	8 30	7 55	−1.8
20	11 7	10 56	10 43	10 35	10 24	10 16	10 6	9 52	9 31	−1.8
21	11 51	11 46	11 40	11 36	11 31	11 28	11 24	11 18	11 8	−1.9
22	12 36	12 37	12 38	12 40	12 41	12 42	12 44	12 45	12 48	−2.0
23	13 22	13 30	13 39	13 45	13 54	13 59	14 7	14 17	14 32	−2.0
24	14 11	14 25	14 42	14 53	15 9	15 19	15 33	15 52	16 22	−2.1
25	15 4	15 24	15 48	16 4	16 26	16 41	17 1	17 30	18 18	−2.1
26	16 1	16 26	16 55	17 15	17 42	18 1	18 27	19 6	20 17	−2.1
27	17 1	17 29	18 2	18 24	18 54	19 16	19 45	20 30	22 6	−1.9
28	18 4	18 33	19 6	19 28	19 59	20 21	20 50	21 36	23 12	−1.7
29	19 7	19 34	20 5	20 25	20 54	21 14	21 40	22 20	23 33	−1.4
30	20 8	20 32	20 58	21 15	21 39	21 55	22 17	22 48	23 39	−1.2
Juli 1	21 7	21 25	21 45	21 58	22 16	22 28	22 44	23 6	23 40	−1.0
2	22 2	22 14	22 28	22 36	22 48	22 56	23 6	23 20	23 40	−0.8
3	22 55	23 0	23 6	23 10	23 16	23 19	23 24	23 30	23 40	−0.7
4	23 45	23 44	23 43	23 42	23 41	23 41	23 40	23 39	23 38	−0.7
5	— —	— —	— —	— —	— —	— —	23 56	23 48	23 37	—
6	0 33	0 26	0 18	0 13	0 6	0 2	— —	23 58	23 36	−0.7
7	1 20	1 8	0 53	0 44	0 32	0 23	0 13	— —	23 37	−0.7
8	2 8	1 50	1 30	1 16	0 59	0 47	0 31	0 10	23 38	−0.8
9	2 55	2 33	2 8	1 51	1 29	1 13	0 53	0 24	23 42	−0.9
10	3 42	3 17	2 48	2 29	2 2	1 44	1 20	0 44	23 51	−1.0
11	4 30	4 2	3 31	3 10	2 41	2 20	1 53	1 11	— —	−1.1
12	5 18	4 50	4 17	3 55	3 25	3 4	2 34	1 50	0 18	−1.3
13	6 6	5 38	5 6	4 44	4 14	3 54	3 25	2 42	1 13	−1.4
14	6 52	6 26	5 57	5 37	5 9	4 50	4 24	3 44	2 32	−1.6
15	7 38	7 16	6 50	6 32	6 8	5 52	5 30	4 57	4 2	−1.7
16	8 23	8 5	7 44	7 30	7 11	6 58	6 40	6 16	5 37	−1.8
17	9 7	8 54	8 38	8 29	8 15	8 6	7 54	7 38	7 12	−1.8
18	9 50	9 43	9 34	9 29	9 22	9 17	9 10	9 1	8 48	−1.9
19	10 34	10 33	10 32	10 31	10 30	10 29	10 28	10 27	10 26	−1.9
20	11 18	11 24	11 30	11 34	11 40	11 44	11 49	11 55	12 6	−2.0
21	12 5	12 17	12 30	12 39	12 52	13 0	13 11	13 26	13 50	−2.0
22	12 54	13 12	13 32	13 46	14 5	14 18	14 35	14 59	15 38	−2.1
23	13 47	14 10	14 37	14 55	15 19	15 37	16 0	16 34	17 33	−2.0
24	14 44	15 11	15 42	16 3	16 32	16 52	17 20	18 2	19 26	−1.9
25	15 44	16 13	16 46	17 8	17 39	18 1	18 31	19 17	20 56	−1.8

Monduntergang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	Änderung bei +50° Breite für 10° östl. Länge
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Juni 14	18 28	18 56	19 29	19 51	20 21	20 43	21 12	21 56	23 29	−1.3
15	19 16	19 44	20 16	20 38	21 7	21 28	21 56	22 39	— —	−1.2
16	20 4	20 31	21 1	21 20	21 48	22 7	22 33	23 10	0 4	−1.1
17	20 53	21 16	21 42	22 0	22 24	22 40	23 2	23 33	0 18	−0.9
18	21 42	22 1	22 22	22 36	22 55	23 8	23 26	23 49	0 24	−0.8
19	22 31	22 45	23 0	23 10	23 24	23 33	23 45	— —	0 26	−0.8
20	23 20	23 28	23 37	23 43	23 51	23 56	— —	0 2	0 26	−0.7
21	— —	— —	— —	— —	— —	— —	0 3	0 12	0 25	—
22	0 10	0 12	0 14	0 15	0 17	0 18	0 20	0 22	0 24	−0.7
23	1 2	0 57	0 52	0 48	0 44	0 41	0 37	0 31	0 24	−0.8
24	1 56	1 45	1 32	1 24	1 13	1 5	0 56	0 42	0 23	−0.9
25	2 53	2 36	2 16	2 3	1 45	1 33	1 18	0 56	0 23	−1.0
26	3 53	3 30	3 4	2 47	2 23	2 7	1 45	1 14	0 24	−1.2
27	4 56	4 29	3 58	3 38	3 9	2 49	2 23	1 43	0 30	−1.4
28	6 0	5 31	4 58	4 36	4 5	3 43	3 13	2 28	0 52	−1.7
29	7 2	6 34	6 2	5 40	5 9	4 48	4 18	3 33	1 57	−1.9
30	8 2	7 36	7 7	6 48	6 21	6 1	5 36	4 57	3 45	−2.0
Juli 1	8 58	8 37	8 13	7 57	7 36	7 20	7 0	6 31	5 43	−2.1
2	9 49	9 34	9 17	9 5	8 50	8 39	8 25	8 5	7 34	−2.0
3	10 36	10 28	10 18	10 11	10 2	9 56	9 48	9 37	9 20	−2.0
4	11 21	11 19	11 16	11 14	11 12	11 10	11 8	11 5	11 1	−1.9
5	12 4	12 8	12 12	12 15	12 19	12 22	12 25	12 30	12 37	−1.8
6	12 46	12 56	13 7	13 14	13 24	13 31	13 40	13 52	14 10	−1.8
7	13 28	13 43	14 0	14 12	14 28	14 38	14 52	15 12	15 43	−1.7
8	14 10	14 30	14 53	15 8	15 29	15 43	16 2	16 30	17 14	−1.7
9	14 54	15 18	15 45	16 3	16 29	16 46	17 10	17 44	18 45	−1.6
10	15 39	16 5	16 36	16 56	17 25	17 45	18 12	18 53	20 10	−1.5
11	16 25	16 53	17 26	17 47	18 18	18 39	19 8	19 52	21 23	−1.4
12	17 13	17 41	18 14	18 36	19 5	19 27	19 56	20 40	22 9	−1.3
13	18 1	18 28	18 59	19 20	19 49	20 8	20 35	21 15	22 30	−1.1
14	18 50	19 15	19 42	20 1	20 26	20 44	21 7	21 40	22 37	−1.0
15	19 39	20 0	20 23	20 38	20 59	21 14	21 32	21 59	22 40	−0.9
16	20 28	20 44	21 2	21 14	21 29	21 40	21 54	22 12	22 41	−0.8
17	21 17	21 28	21 39	21 47	21 57	22 3	22 12	22 23	22 41	−0.7
18	22 7	22 11	22 16	22 18	22 23	22 25	22 29	22 33	22 40	−0.7
19	22 57	22 55	22 52	22 50	22 48	22 47	22 45	22 42	22 38	−0.7
20	23 49	23 40	23 30	23 24	23 15	23 10	23 2	22 52	22 38	−0.8
21	— —	— —	— —	— —	23 45	23 35	23 22	23 4	22 37	−0.9
22	0 43	0 28	0 11	0 0	— —	— —	23 46	23 20	22 38	—
23	1 40	1 19	0 56	0 40	0 19	0 5	— —	23 42	22 41	−1.0
24	2 39	2 14	1 45	1 26	1 0	0 42	0 17	— —	22 53	−1.2
25	3 40	3 12	2 40	2 19	1 49	1 28	0 59	0 17	23 30	−1.5

Mondaufgang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	—10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Juli 25	15 44	16 13	16 46	17 8	17 39	18 1	18 31	19 17	20 56	—1.8
26	16 47	17 15	17 47	18 9	18 39	19 0	19 28	20 12	21 37	—1.5
27	17 49	18 14	18 43	19 3	19 29	19 48	20 12	20 48	21 50	—1.3
28	18 50	19 10	19 34	19 50	20 11	20 25	20 44	21 11	21 53	—1.1
29	19 48	20 3	20 20	20 31	20 46	20 56	21 9	21 27	21 54	—0.9
30	20 43	20 51	21 1	21 8	21 16	21 22	21 29	21 39	21 54	—0.8
31	21 35	21 37	21 40	21 41	21 44	21 45	21 47	21 49	21 53	—0.7
Aug. 1	22 26	22 21	22 16	22 14	22 9	22 7	22 3	21 59	21 52	—0.7
2	23 14	23 4	22 53	22 45	22 35	22 28	22 20	22 8	21 51	—0.7
3	— —	23 47	23 29	23 18	23 2	22 52	22 38	22 19	21 51	—0.8
4	0 3	— —	— —	23 52	23 31	23 17	22 58	22 33	21 52	—0.9
5	0 50	0 30	0 6	— —	— —	23 46	23 23	22 50	21 55	—
6	1 38	1 14	0 46	0 28	0 3	— —	23 54	23 14	22 2	—1.0
7	2 26	1 59	1 28	1 8	0 40	0 20	— —	23 48	22 21	—1.1
8	3 14	2 45	2 13	1 52	1 21	1 1	0 32	— —	23 5	—1.2
9	4 2	3 33	3 1	2 39	2 9	1 48	1 19	0 35	— —	—1.4
10	4 49	4 22	3 51	3 30	3 2	2 42	2 15	1 34	0 16	—1.5
11	5 35	5 11	4 44	4 26	4 0	3 43	3 19	2 44	1 43	—1.7
12	6 21	6 1	5 38	5 23	5 2	4 48	4 29	4 2	3 17	—1.8
13	7 5	6 50	6 33	6 22	6 6	5 56	5 42	5 23	4 53	—1.8
14	7 49	7 40	7 30	7 23	7 13	7 7	6 59	6 47	6 30	—1.9
15	8 33	8 30	8 26	8 24	8 21	8 19	8 17	8 13	8 8	—1.9
16	9 17	9 21	9 25	9 27	9 31	9 33	9 36	9 41	9 47	—2.0
17	10 3	10 13	10 24	10 32	10 42	10 49	10 58	11 10	11 29	—2.0
18	10 51	11 7	11 25	11 37	11 54	12 5	12 20	12 41	13 14	—2.0
19	11 41	12 2	12 27	12 43	13 6	13 22	13 42	14 13	15 3	—2.0
20	12 35	13 0	13 30	13 50	14 17	14 36	15 2	15 41	16 53	—1.9
21	13 32	14 0	14 32	14 54	15 24	15 46	16 15	16 59	18 33	—1.8
22	14 31	15 0	15 33	15 55	16 26	16 47	17 17	18 2	19 35	—1.6
23	15 32	15 59	16 30	16 50	17 19	17 38	18 5	18 44	19 57	—1.4
24	16 32	16 55	17 22	17 39	18 3	18 20	18 41	19 12	20 3	—1.2
25	17 31	17 49	18 10	18 23	18 41	18 53	19 9	19 31	20 6	—1.0
26	18 28	18 40	18 53	19 2	19 14	19 22	19 32	19 46	20 6	—0.9
27	19 22	19 28	19 34	19 37	19 43	19 46	19 51	19 57	20 6	—0.8
28	20 14	20 13	20 12	20 11	20 10	20 9	20 8	20 7	20 5	—0.7
29	21 5	20 57	20 48	20 43	20 36	20 31	20 25	20 16	20 4	—0.7
30	21 54	21 41	21 26	21 16	21 3	20 54	20 42	20 27	20 4	—0.8
31	22 43	22 24	22 3	21 50	21 31	21 19	21 2	20 39	20 4	—0.8
Sept. 1	23 31	23 8	22 43	22 26	22 3	21 46	21 26	20 56	20 6	—0.9
2	— —	23 53	23 24	23 4	22 38	22 19	21 54	21 17	20 12	—1.0
3	0 19	— —	— —	23 47	23 17	22 57	22 29	21 47	20 25	—1.1
4	1 8	0 40	0 8	— —	— —	23 41	23 12	22 28	20 57	—

Monduntergang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Juli 25	3 40	3 12	2 40	2 19	1 49	1 28	0 59	0 17	23 30	−1.5
26	4 42	4 14	3 41	3 18	2 48	2 26	1 56	1 10	— —	−1.8
27	5 43	5 16	4 45	4 24	3 55	3 34	3 6	2 24	0 57	−2.0
28	6 42	6 18	5 51	5 33	5 8	4 51	4 28	3 53	2 53	−2.1
29	7 36	7 18	6 57	6 43	6 24	6 11	5 54	5 29	4 50	−2.1
30	8 26	8 15	8 1	7 52	7 40	7 31	7 20	7 5	6 41	−2.1
31	9 14	9 8	9 2	8 58	8 52	8 49	8 44	8 37	8 27	−2.0
Aug. 1	9 59	10 0	10 1	10 2	10 3	10 3	10 4	10 6	10 7	−1.9
2	10 42	10 49	10 58	11 3	11 11	11 15	11 22	11 31	11 44	−1.8
3	11 25	11 38	11 53	12 2	12 16	12 25	12 37	12 53	13 19	−1.8
4	12 7	12 25	12 46	13 0	13 19	13 32	13 49	14 13	14 52	−1.7
5	12 51	13 13	13 39	13 56	14 20	14 36	14 58	15 29	16 23	−1.6
6	13 35	14 1	14 30	14 50	15 17	15 36	16 2	16 40	17 51	−1.6
7	14 21	14 49	15 21	15 42	16 11	16 32	17 0	17 44	19 8	−1.4
8	15 8	15 37	16 9	16 31	17 1	17 22	17 52	18 36	20 6	−1.3
9	15 56	16 24	16 56	17 17	17 46	18 7	18 34	19 16	20 35	−1.2
10	16 46	17 11	17 40	18 0	18 26	18 44	19 9	19 45	20 47	−1.0
11	17 35	17 57	18 22	18 39	19 1	19 17	19 37	20 6	20 52	−0.9
12	18 25	18 42	19 2	19 15	19 32	19 44	20 0	20 21	20 54	−0.8
13	19 14	19 26	19 40	19 49	20 1	20 9	20 19	20 33	20 54	−0.8
14	20 4	20 10	20 17	20 22	20 28	20 32	20 37	20 44	20 54	−0.7
15	20 54	20 54	20 54	20 54	20 54	20 54	20 54	20 53	20 53	−0.7
16	21 46	21 39	21 32	21 27	21 20	21 16	21 10	21 3	20 52	−0.8
17	22 38	22 26	22 11	22 2	21 49	21 40	21 29	21 14	20 51	−0.8
18	23 33	23 15	22 53	22 40	22 21	22 8	21 51	21 28	20 52	−1.0
19	— —	— —	23 40	23 22	22 58	22 41	22 19	21 47	20 54	−1.1
20	0 30	0 7	— —	— —	23 42	23 22	22 55	22 15	21 2	−1.3
21	1 29	1 2	0 31	0 10	— —	— —	23 43	22 58	21 25	—
22	2 28	2 0	1 27	1 5	0 34	0 13	— —	— —	22 27	−1.6
23	3 28	3 0	2 28	2 6	1 36	1 14	0 45	0 1	— —	−1.8
24	4 26	4 1	3 32	3 12	2 45	2 26	2 0	1 21	0 10	−2.0
25	5 22	5 1	4 37	4 21	3 59	3 44	3 23	2 54	2 5	−2.1
26	6 14	5 59	5 41	5 30	5 14	5 3	4 49	4 29	3 58	−2.1
27	7 3	6 54	6 44	6 38	6 29	6 22	6 15	6 4	5 47	−2.0
28	7 50	7 47	7 45	7 44	7 41	7 40	7 38	7 35	7 31	−2.0
29	8 34	8 39	8 44	8 47	8 52	8 54	8 58	9 4	9 12	−1.9
30	9 18	9 29	9 41	9 48	10 0	10 7	10 16	10 30	10 49	−1.9
31	10 2	10 18	10 36	10 48	11 5	11 16	11 31	11 52	12 25	−1.8
Sept. 1	10 46	11 6	11 30	11 46	12 8	12 22	12 42	13 11	13 58	−1.7
2	11 30	11 54	12 22	12 41	13 7	13 25	13 49	14 25	15 29	−1.6
3	12 16	12 42	13 14	13 34	14 3	14 23	14 51	15 32	16 52	−1.5
4	13 2	13 30	14 3	14 24	14 55	15 16	15 45	16 29	17 59	−1.4

Mondaufgang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942		h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Sept.	4	1 8	0 40	0 8	— —	— —	23 41	23 12	22 28	20 57	—
	5	1 55	1 27	0 54	0 33	0 2	— —	— —	23 22	21 58	−1.3
	6	2 43	2 15	1 44	1 22	0 53	0 33	0 5	— —	23 21	−1.5
	7	3 30	3 4	2 35	2 16	1 49	1 31	1 6	0 28	— —	−1.6
	8	4 15	3 54	3 29	3 13	2 50	2 34	2 14	1 43	0 53	−1.7
	9	5 1	4 44	4 24	4 12	3 54	3 42	3 26	3 4	2 29	−1.8
	10	5 45	5 34	5 21	5 12	5 1	4 53	4 43	4 28	4 6	−1.9
	11	6 30	6 25	6 19	6 15	6 10	6 6	6 2	5 55	5 46	−1.9
	12	7 15	7 16	7 18	7 18	7 20	7 21	7 22	7 24	7 26	−2.0
	13	8 1	8 9	8 18	8 24	8 32	8 37	8 44	8 54	9 9	−2.0
	14	8 48	9 3	9 19	9 30	9 44	9 54	10 8	10 26	10 55	−2.0
	15	9 38	9 58	10 21	10 36	10 57	11 12	11 31	11 58	12 43	−2.0
	16	10 31	10 55	11 24	11 42	12 8	12 27	12 51	13 28	14 34	−1.9
	17	11 26	11 54	12 26	12 47	13 16	13 37	14 6	14 49	16 17	−1.8
	18	12 24	12 52	13 25	13 47	14 18	14 40	15 10	15 55	17 32	−1.6
	19	13 22	13 50	14 22	14 43	15 13	15 33	16 1	16 43	18 4	−1.4
	20	14 21	14 46	15 14	15 33	15 59	16 17	16 40	17 15	18 14	−1.2
	21	15 19	15 39	16 2	16 18	16 38	16 52	17 11	17 36	18 17	−1.0
	22	16 16	16 30	16 46	16 57	17 12	17 22	17 34	17 52	18 18	−0.9
	23	17 10	17 18	17 27	17 33	17 42	17 47	17 54	18 4	18 18	−0.8
	24	18 2	18 4	18 6	18 8	18 9	18 10	18 12	18 14	18 17	−0.7
	25	18 54	18 49	18 44	18 40	18 36	18 33	18 29	18 24	18 16	−0.7
	26	19 44	19 33	19 21	19 13	19 2	18 55	18 46	18 34	18 15	−0.8
	27	20 34	20 17	19 58	19 46	19 30	19 19	19 5	18 45	18 15	−0.8
	28	21 23	21 1	20 37	20 22	20 0	19 46	19 26	18 59	18 16	−0.9
	29	22 11	21 46	21 18	21 0	20 34	20 16	19 53	19 18	18 19	−1.0
	30	23 0	22 32	22 1	21 41	21 12	20 52	20 25	19 44	18 28	−1.1
Okt.	1	23 48	23 20	22 47	22 25	21 55	21 34	21 5	20 20	18 50	−1.3
	2	— —	— —	23 35	23 13	22 43	22 22	21 53	21 9	19 39	−1.4
	3	0 36	0 7	— —	— —	23 37	23 18	22 50	22 10	20 52	−1.6
	4	1 22	0 56	0 25	0 5	— —	— —	23 55	23 22	22 23	—
	5	2 8	1 45	1 18	1 0	0 35	0 18	— —	— —	23 58	−1.7
	6	2 53	2 34	2 12	1 58	1 38	1 24	1 6	0 40	— —	−1.8
	7	3 38	3 24	3 8	2 58	2 43	2 34	2 20	2 3	1 35	−1.9
	8	4 23	4 15	4 6	4 0	3 52	3 46	3 39	3 29	3 14	−1.9
	9	5 8	5 6	5 5	5 4	5 2	5 1	5 0	4 58	4 56	−2.0
	10	5 54	6 0	6 5	6 10	6 15	6 19	6 23	6 30	6 40	−2.0
	11	6 42	6 54	7 8	7 17	7 29	7 38	7 48	8 4	8 27	−2.1
	12	7 32	7 51	8 11	8 25	8 44	8 57	9 14	9 39	10 18	−2.1
	13	8 26	8 49	9 16	9 34	9 58	10 16	10 39	11 13	12 12	−2.0
	14	9 21	9 48	10 19	10 40	11 9	11 30	11 58	12 40	14 4	−1.9
	15	10 19	10 48	11 21	11 43	12 14	12 36	13 6	13 52	15 34	−1.7

Monduntergang 1942

Mittlere Ortszeit — Meridian von Greenwich

Tag		Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
		−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942		h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Sept.	4	13 2	13 30	14 3	14 24	14 55	15 16	15 45	16 29	17 59	−1.4
	5	13 50	14 18	14 50	15 12	15 42	16 2	16 31	17 14	18 39	−1.2
	6	14 39	15 5	15 36	15 56	16 23	16 43	17 8	17 47	18 56	−1.1
	7	15 28	15 52	16 18	16 36	17 0	17 17	17 39	18 10	19 3	−1.0
	8	16 18	16 37	16 59	17 14	17 33	17 46	18 4	18 28	19 6	−0.9
	9	17 8	17 22	17 38	17 49	18 3	18 12	18 24	18 41	19 6	−0.8
	10	17 58	18 7	18 16	18 22	18 31	18 36	18 43	18 52	19 6	−0.8
	11	18 49	18 52	18 54	18 55	18 57	18 58	19 0	19 2	19 5	−0.8
	12	19 41	19 37	19 32	19 28	19 24	19 21	19 17	19 12	19 4	−0.8
	13	20 34	20 24	20 11	20 3	19 52	19 45	19 35	19 22	19 4	−0.8
	14	21 29	21 12	20 53	20 40	20 23	20 11	19 57	19 36	19 4	−0.9
	15	22 25	22 3	21 38	21 21	20 58	20 43	20 22	19 53	19 6	−1.1
	16	23 23	22 57	22 27	22 7	21 40	21 21	20 55	20 18	19 11	−1.3
	17	— —	23 54	23 21	22 59	22 29	22 8	21 39	20 55	19 26	−1.5
	18	0 22	— —	— —	23 57	23 26	23 4	22 35	21 49	20 12	−1.7
	19	1 20	0 52	0 19	— —	— —	— —	23 43	23 2	21 42	—
	20	2 17	1 51	1 20	1 0	0 31	0 11	— —	— —	23 31	−1.9
	21	3 12	2 49	2 23	2 5	1 41	1 24	1 2	0 28	— —	−2.0
	22	4 4	3 46	3 26	3 13	2 54	2 41	2 24	2 0	1 22	−2.0
	23	4 53	4 42	4 28	4 20	4 7	3 59	3 49	3 34	3 11	−2.0
	24	5 40	5 35	5 29	5 25	5 20	5 17	5 12	5 6	4 57	−2.0
	25	6 26	6 27	6 29	6 30	6 32	6 32	6 34	6 35	6 38	−2.0
	26	7 10	7 18	7 27	7 33	7 41	7 46	7 53	8 3	8 18	−1.9
	27	7 54	8 8	8 24	8 34	8 48	8 58	9 10	9 28	9 55	−1.8
	28	8 38	8 57	9 19	9 33	9 53	10 6	10 24	10 50	11 31	−1.8
	29	9 23	9 46	10 13	10 30	10 55	11 12	11 34	12 8	13 5	−1.7
	30	10 9	10 35	11 5	11 25	11 53	12 12	12 39	13 19	14 33	−1.6
Okt.	1	10 55	11 23	11 56	12 17	12 47	13 8	13 37	14 20	15 50	−1.4
	2	11 42	12 11	12 44	13 5	13 36	13 57	14 26	15 10	16 42	−1.3
	3	12 30	12 58	13 30	13 50	14 19	14 39	15 7	15 48	17 6	−1.1
	4	13 19	13 44	14 13	14 32	14 58	15 16	15 40	16 14	17 14	−1.0
	5	14 8	14 30	14 54	15 10	15 32	15 47	16 6	16 34	17 18	−0.9
	6	14 58	15 15	15 34	15 46	16 3	16 14	16 28	16 48	17 19	−0.8
	7	15 48	16 0	16 12	16 20	16 31	16 38	16 48	17 0	17 19	−0.8
	8	16 39	16 44	16 50	16 53	16 58	17 1	17 5	17 10	17 18	−0.7
	9	17 32	17 30	17 28	17 26	17 25	17 24	17 22	17 20	17 16	−0.8
	10	18 26	18 17	18 7	18 1	17 53	17 47	17 40	17 30	17 16	−0.8
	11	19 21	19 6	18 49	18 38	18 23	18 13	18 0	17 42	17 15	−0.9
	12	20 18	19 58	19 34	19 19	18 57	18 43	18 24	17 58	17 15	−1.0
	13	21 17	20 52	20 23	20 4	19 37	19 19	18 55	18 20	17 18	−1.2
	14	22 17	21 49	21 16	20 55	20 25	20 4	19 36	18 52	17 28	−1.4
	15	23 16	22 47	22 14	21 51	21 20	20 58	20 28	19 42	18 0	−1.6

Mondaufgang 1942

Mittlere Ortszeit | Meridian von Greenwich

Tag	Geographische Breite −10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	Änderung bei +50° Breite für 10° östl. Länge
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Okt. 15	10 19	10 48	11 21	11 43	12 14	12 36	13 6	13 52	15 34	−1.7
16	11 17	11 46	12 19	12 41	13 11	13 32	14 1	14 46	16 15	−1.5
17	12 16	12 42	13 12	13 32	13 59	14 18	14 43	15 21	16 28	−1.2
18	13 13	13 35	14 0	14 17	14 40	14 55	15 15	15 44	16 32	−1.0
19	14 8	14 25	14 44	14 57	15 14	15 25	15 40	16 1	16 32	−0.9
20	15 2	15 13	15 25	15 33	15 44	15 51	16 0	16 13	16 32	−0.8
21	15 54	15 59	16 4	16 7	16 11	16 14	16 18	16 23	16 30	−0.7
22	16 45	16 43	16 41	16 39	16 37	16 36	16 34	16 32	16 29	−0.7
23	17 35	17 27	17 17	17 11	17 3	16 57	16 51	16 41	16 27	−0.7
24	18 25	18 10	17 54	17 44	17 30	17 20	17 8	16 51	16 26	−0.8
25	19 14	18 54	18 33	18 18	17 59	17 45	17 28	17 4	16 26	−0.8
26	20 3	19 40	19 13	18 55	18 31	18 14	17 52	17 20	16 27	−0.9
27	20 52	20 26	19 55	19 35	19 7	18 47	18 21	17 42	16 31	−1.1
28	21 41	21 12	20 40	20 18	19 48	19 27	18 58	18 14	16 44	−1.2
29	22 29	22 0	21 27	21 5	20 34	20 12	19 43	18 57	17 20	−1.4
30	23 16	22 48	22 16	21 55	21 25	21 5	20 36	19 53	18 27	−1.5
31	— —	23 36	23 7	22 48	22 21	22 3	21 38	21 0	19 53	−1.6
Nov. 1	0 2	— —	— —	23 44	23 21	23 6	22 45	22 15	21 25	−1.7
2	0 46	0 25	0 0	— —	— —	— —	23 57	23 35	23 0	—
3	1 30	1 14	0 54	0 42	0 25	0 13	— —	— —	— —	−1.8
4	2 14	2 3	1 50	1 42	1 31	1 23	1 13	0 59	0 38	−1.9
5	2 58	2 54	2 48	2 44	2 40	2 36	2 32	2 26	2 18	−1.9
6	3 44	3 45	3 48	3 49	3 51	3 52	3 54	3 56	4 0	−2.0
7	4 31	4 40	4 50	4 56	5 5	5 11	5 19	5 30	5 47	−2.1
8	5 21	5 36	5 54	6 5	6 21	6 32	6 47	7 7	7 39	−2.1
9	6 14	6 35	7 0	7 16	7 39	7 54	8 15	8 46	9 37	−2.1
10	7 10	7 36	8 6	8 26	8 54	9 14	9 40	10 20	11 36	−2.0
11	8 9	8 38	9 11	9 33	10 4	10 27	10 57	11 43	13 27	−1.8
12	9 10	9 39	10 12	10 35	11 6	11 29	11 59	12 46	14 29	−1.6
13	10 10	10 37	11 9	11 30	11 59	12 19	12 46	13 27	14 44	−1.3
14	11 9	11 32	12 0	12 18	12 42	12 59	13 22	13 54	14 48	−1.1
15	12 5	12 24	12 45	12 59	13 18	13 31	13 48	14 12	14 48	−0.9
16	12 59	13 12	13 27	13 36	13 49	13 58	14 9	14 24	14 47	−0.8
17	13 51	13 58	14 5	14 10	14 16	14 21	14 27	14 34	14 45	−0.7
18	14 41	14 41	14 42	14 42	14 42	14 42	14 42	14 43	14 43	−0.7
19	15 30	15 24	15 17	15 13	15 7	15 3	14 58	14 51	14 41	−0.7
20	16 20	16 7	15 54	15 45	15 33	15 25	15 14	15 0	14 40	−0.7
21	17 8	16 50	16 31	16 18	16 0	15 48	15 33	15 11	14 38	−0.8
22	17 57	17 35	17 10	16 53	16 30	16 15	15 54	15 25	14 38	−0.9
23	18 46	18 20	17 51	17 31	17 4	16 45	16 21	15 44	14 39	−1.0
24	19 35	19 7	18 34	18 13	17 43	17 22	16 54	16 11	14 46	−1.2
25	20 24	19 54	19 21	18 58	18 27	18 5	17 35	16 49	15 8	−1.3

Monduntergang 1942

Mittlere Ortszeit | Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Okt. 15	23 16	22 47	22 14	21 51	21 20	20 58	20 28	19 42	18 0	−1.6
16	— —	23 45	23 14	22 52	22 23	22 2	21 33	20 49	19 20	−1.8
17	0 13	— —	— —	23 57	23 31	23 12	22 48	22 11	21 6	−1.9
18	1 8	0 44	0 15	— —	— —	— —	— —	23 41	22 56	—
19	2 0	1 40	1 17	1 2	0 42	0 27	0 8	— —	— —	−2.0
20	2 48	2 34	2 19	2 8	1 53	1 44	1 30	1 12	0 44	−2.0
21	3 35	3 28	3 19	3 13	3 5	3 0	2 53	2 43	2 28	−2.0
22	4 20	4 19	4 17	4 17	4 15	4 15	4 13	4 12	4 10	−1.9
23	5 4	5 9	5 16	5 19	5 25	5 28	5 33	5 40	5 49	−1.9
24	5 48	5 59	6 12	6 21	6 33	6 40	6 51	7 5	7 27	−1.9
25	6 32	6 49	7 8	7 21	7 38	7 50	8 6	8 29	9 4	−1.8
26	7 16	7 38	8 3	8 19	8 42	8 58	9 19	9 49	10 40	−1.7
27	8 2	8 27	8 56	9 16	9 43	10 1	10 27	11 4	12 14	−1.6
28	8 48	9 16	9 48	10 9	10 39	11 0	11 28	12 11	13 39	−1.5
29	9 35	10 4	10 37	10 59	11 30	11 52	12 21	13 7	14 44	−1.3
30	10 23	10 52	11 24	11 46	12 16	12 37	13 5	13 49	15 17	−1.2
31	11 11	11 38	12 8	12 28	12 56	13 15	13 41	14 19	15 29	−1.0
Nov. 1	12 0	12 23	12 50	13 7	13 31	13 48	14 10	14 41	15 33	−0.9
2	12 48	13 8	13 29	13 43	14 3	14 16	14 33	14 57	15 34	−0.8
3	13 37	13 51	14 7	14 17	14 31	14 40	14 52	15 9	15 33	−0.8
4	14 27	14 35	14 44	14 50	14 58	15 3	15 10	15 19	15 32	−0.7
5	15 18	15 20	15 22	15 23	15 24	15 25	15 26	15 28	15 30	−0.7
6	16 11	16 6	16 0	15 56	15 51	15 48	15 43	15 37	15 29	−0.8
7	17 6	16 54	16 41	16 32	16 20	16 12	16 2	15 48	15 27	−0.9
8	18 4	17 46	17 25	17 11	16 53	16 40	16 24	16 1	15 26	−1.0
9	19 4	18 40	18 13	17 55	17 31	17 14	16 51	16 19	15 26	−1.2
10	20 5	19 38	19 6	18 45	18 16	17 56	17 28	16 47	15 30	−1.4
11	21 7	20 38	20 4	19 41	19 10	18 48	18 17	17 30	15 46	−1.6
12	22 7	21 38	21 5	20 43	20 12	19 50	19 20	18 33	16 50	−1.8
13	23 4	22 38	22 8	21 48	21 20	21 1	20 34	19 54	18 38	−1.9
14	23 58	23 36	23 11	22 54	22 32	22 16	21 55	21 24	20 32	−2.0
15	— —	— —	— —	— —	23 44	23 32	23 17	22 56	22 22	−2.0
16	0 47	0 31	0 13	0 1	— —	— —	— —	— —	— —	—
17	1 34	1 24	1 13	1 5	0 55	0 48	0 39	0 26	0 7	−2.0
18	2 19	2 15	2 11	2 9	2 5	2 3	2 0	1 55	1 50	−1.9
19	3 2	3 5	3 9	3 11	3 14	3 16	3 18	3 22	3 27	−1.9
20	3 45	3 54	4 5	4 12	4 21	4 27	4 36	4 47	5 4	−1.8
21	4 28	4 43	5 0	5 12	5 27	5 37	5 51	6 10	6 41	−1.8
22	5 12	5 32	5 55	6 10	6 31	6 45	7 5	7 32	8 17	−1.8
23	5 56	6 21	6 49	7 7	7 33	7 50	8 15	8 50	9 53	−1.7
24	6 42	7 10	7 41	8 2	8 31	8 51	9 19	10 1	11 24	−1.6
25	7 29	7 58	8 32	8 54	9 25	9 46	10 16	11 2	12 42	−1.4

Mondaufgang 1942

Mittlere Ortszeit | Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Nov. 25	20 24	19 54	19 21	18 58	18 27	18 5	17 35	16 49	15 8	−1.3
26	21 11	20 42	20 9	19 47	19 16	18 55	18 25	17 40	16 3	−1.4
27	21 57	21 30	20 59	20 39	20 11	19 51	19 24	18 43	17 25	−1.6
28	22 42	22 18	21 51	21 33	21 9	20 52	20 29	19 55	18 56	−1.7
29	23 25	23 6	22 44	22 30	22 10	21 56	21 38	21 12	20 30	−1.7
30	— —	23 54	23 38	23 28	23 13	23 4	22 51	22 33	22 5	−1.8
Dez. 1	0 8	— —	— —	— —	— —	— —	— —	23 56	23 41	—
2	0 51	0 43	0 34	0 28	0 19	0 14	0 6	— —	— —	−1.9
3	1 34	1 32	1 30	1 29	1 28	1 26	1 25	1 23	1 20	−1.9
4	2 19	2 24	2 30	2 34	2 39	2 42	2 47	2 53	3 2	−2.0
5	3 6	3 18	3 32	3 41	3 53	4 1	4 12	4 27	4 50	−2.1
6	3 57	4 16	4 36	4 50	5 10	5 22	5 40	6 5	6 45	−2.1
7	4 52	5 16	5 43	6 1	6 27	6 44	7 8	7 44	8 46	−2.1
8	5 51	6 19	6 51	7 12	7 42	8 3	8 32	9 17	10 50	−2.0
9	6 53	7 22	7 56	8 19	8 51	9 14	9 45	10 33	12 29	−1.8
10	7 56	8 24	8 58	9 20	9 51	10 12	10 42	11 27	13 0	−1.5
11	8 58	9 24	9 54	10 13	10 40	10 59	11 24	12 1	13 6	−1.2
12	9 57	10 18	10 43	10 58	11 20	11 35	11 54	12 22	13 5	−1.0
13	10 54	11 9	11 27	11 38	11 54	12 4	12 17	12 36	13 4	−0.9
14	11 48	11 57	12 7	12 14	12 22	12 28	12 36	12 47	13 2	−0.8
15	12 39	12 41	12 44	12 46	12 48	12 50	12 52	12 55	13 0	−0.7
16	13 29	13 24	13 20	13 17	13 13	13 11	13 8	13 4	12 57	−0.7
17	14 17	14 7	13 55	13 48	13 38	13 32	13 23	13 12	12 55	−0.7
18	15 5	14 50	14 32	14 20	14 4	13 54	13 40	13 22	12 53	−0.8
19	15 54	15 33	15 9	14 54	14 33	14 19	14 0	13 34	12 52	−0.8
20	16 42	16 17	15 49	15 31	15 5	14 48	14 24	13 50	12 52	−0.9
21	17 31	17 3	16 32	16 11	15 41	15 21	14 54	14 13	12 55	−1.1
22	18 19	17 50	17 17	16 54	16 24	16 2	15 32	14 46	13 7	−1.2
23	19 7	18 38	18 4	17 42	17 11	16 49	16 19	15 32	13 48	−1.4
24	19 54	19 26	18 54	18 33	18 3	17 42	17 14	16 31	15 3	−1.5
25	20 39	20 14	19 46	19 26	19 0	18 42	18 17	17 40	16 33	−1.6
26	21 23	21 2	20 38	20 22	20 0	19 45	19 24	18 55	18 7	−1.7
27	22 6	21 50	21 31	21 19	21 2	20 51	20 36	20 14	19 41	−1.7
28	22 48	22 37	22 25	22 17	22 6	21 58	21 49	21 36	21 15	−1.8
29	23 30	23 25	23 20	23 16	23 11	23 8	23 4	22 59	22 50	−1.9
30	— —	— —	— —	— —	— —	— —	— —	— —	— —	—
31	0 12	0 14	0 16	0 17	0 19	0 21	0 22	0 24	0 28	−1.9

Mittlere Ortszeit | Meridian von Greenwich

Tag	Geographische Breite									Änderung bei +50° Breite für 10° östl. Länge
	−10°	+10°	+30°	+40°	+50°	+55°	+60°	+65°	+70°	
1942	h m	h m	h m	h m	h m	h m	h m	h m	h m	m
Nov. 25	7 29	7 58	8 32	8 54	9 25	9 46	10 16	11 2	12 42	−1.4
26	8 17	8 46	9 20	9 42	10 13	10 35	11 4	11 51	13 29	−1.3
27	9 5	9 33	10 5	10 26	10 55	11 16	11 44	12 25	13 45	−1.1
28	9 53	10 18	10 47	11 6	11 32	11 50	12 14	12 49	13 50	−1.0
29	10 41	11 3	11 27	11 43	12 5	12 20	12 39	13 6	13 50	−0.9
30	11 29	11 46	12 5	12 17	12 34	12 45	12 59	13 19	13 50	−0.8
Dez. 1	12 18	12 29	12 41	12 49	13 0	13 8	13 17	13 30	13 48	−0.7
2	13 6	13 12	13 17	13 21	13 26	13 29	13 33	13 38	13 46	−0.7
3	13 57	13 56	13 54	13 52	13 51	13 50	13 48	13 46	13 44	−0.7
4	14 50	14 41	14 32	14 26	14 18	14 12	14 5	13 56	13 42	−0.8
5	15 45	15 30	15 13	15 2	14 48	14 37	14 24	14 7	13 40	−0.9
6	16 44	16 23	15 59	15 43	15 22	15 7	14 48	14 21	13 38	−1.1
7	17 45	17 20	16 50	16 30	16 3	15 44	15 20	14 43	13 38	−1.3
8	18 49	18 20	17 47	17 24	16 54	16 32	16 2	15 17	13 44	−1.5
9	19 52	19 22	18 48	18 25	17 53	17 31	17 0	16 11	14 16	−1.8
10	20 53	20 25	19 53	19 32	19 1	18 40	18 11	17 27	15 54	−2.0
11	21 50	21 26	20 59	20 41	20 15	19 57	19 33	18 58	17 55	−2.1
12	22 43	22 25	22 4	21 50	21 30	21 17	20 59	20 34	19 53	−2.1
13	23 32	23 20	23 6	22 56	22 44	22 35	22 24	22 8	21 43	−2.0
14	— —	— —	— —	— —	23 55	23 51	23 46	23 39	23 28	−2.0
15	0 18	0 13	0 6	0 1	— —	— —	— —	— —	— —	—
16	1 2	1 3	1 4	1 4	1 5	1 6	1 6	1 7	1 8	−1.9
17	1 45	1 52	2 0	2 5	2 13	2 17	2 24	2 32	2 45	−1.9
18	2 27	2 40	2 55	3 5	3 18	3 27	3 39	3 56	4 21	−1.8
19	3 10	3 28	3 50	4 4	4 23	4 36	4 53	5 18	5 57	−1.8
20	3 54	4 17	4 43	5 1	5 25	5 41	6 4	6 36	7 33	−1.7
21	4 39	5 6	5 36	5 56	6 24	6 44	7 11	7 51	9 7	−1.6
22	5 26	5 54	6 27	6 49	7 20	7 41	8 11	8 56	10 33	−1.5
23	6 13	6 42	7 16	7 39	8 10	8 32	9 2	9 49	11 34	−1.3
24	7 1	7 30	8 3	8 24	8 55	9 16	9 45	10 29	11 59	−1.2
25	7 49	8 16	8 46	9 6	9 34	9 53	10 19	10 57	12 5	−1.0
26	8 37	9 0	9 27	9 44	10 8	10 24	10 46	11 16	12 7	−0.9
27	9 25	9 44	10 5	10 19	10 38	10 50	11 7	11 30	12 6	−0.8
28	10 12	10 26	10 41	10 51	11 5	11 13	11 25	11 41	12 4	−0.7
29	11 0	11 8	11 17	11 22	11 30	11 35	11 41	11 50	12 2	−0.7
30	11 48	11 50	11 52	11 53	11 54	11 55	11 56	11 58	12 0	−0.7
31	12 38	12 33	12 28	12 24	12 19	12 16	12 12	12 6	11 57	−0.7

Hilfstafeln

Länge λ	Präzession in Länge p_λ — Breite β 0°	+1°	+2°	+3°	+4°	+5°	+6°	+7°	+8°	+9°	Länge λ	Präz. in Br. p_β — Präzession p_β	
0°	50.268"	.259"	.251"	.243"	.235"	50.227"	.218"	.210"	.202"	.193"	0°	+0.046"	81
10	.268	.260	.252	.244	.236	.228	.220	.212	.204	.196	10	+0.127	76
20	.268	.260	.253	.245	.238	.230	.223	.215	.208	.200	20	+0.203	71
30	.268	.261	.254	.247	.241	.234	.227	.220	.214	.207	30	+0.274	62
40	50.268	.262	.256	.250	.244	50.239	.233	.227	.221	.215	40	+0.336	52
50	.268	.263	.258	.254	.249	.244	.240	.235	.230	.225	50	+0.388	41
60	.268	.264	.261	.257	.254	.250	.247	.244	.240	.237	60	+0.429	27
70	.268	.265	.263	.261	.259	.257	.255	.253	.251	.249	70	+0.456	13
80	50.268	.267	.266	.266	.265	50.264	.264	.263	.262	.262	80	+0.469	1
90	.268	.268	.269	.270	.271	.272	.272	.273	.274	.275	90	+0.468	15
100	.268	.270	.272	.274	.276	.279	.281	.283	.285	.288	100	+0.453	28
110	.268	.271	.275	.278	.282	.285	.289	.292	.296	.300	110	+0.425	42
120	50.268	.272	.277	.282	.287	50.291	.296	.301	.306	.311	120	+0.383	54
130	.268	.273	.279	.285	.291	.297	.303	.309	.315	.321	130	+0.329	63
140	.268	.274	.281	.288	.295	.301	.308	.315	.322	.329	140	+0.266	71
150	.268	.275	.282	.290	.297	.305	.313	.320	.328	.335	150	+0.195	78
160	50.268	.275	.283	.291	.299	50.307	.315	.323	.332	.340	160	+0.117	81
170	.268	.276	.284	.292	.300	.309	.317	.325	.333	.342	170	+0.036	82
180	.268	.276	.284	.292	.300	.308	.317	.325	.333	.342	180	−0.046	81
190	.268	.275	.283	.291	.299	.307	.315	.323	.331	.339	190	−0.127	76
200	50.268	.275	.282	.290	.297	50.305	.312	.320	.327	.335	200	−0.203	71
210	.268	.274	.281	.288	.294	.301	.308	.315	.321	.328	210	−0.274	62
220	.268	.273	.279	.285	.291	.296	.302	.308	.314	.320	220	−0.336	52
230	.268	.272	.277	.281	.286	.291	.295	.300	.305	.310	230	−0.388	41
240	50.268	.271	.274	.278	.281	50.285	.288	.291	.295	.298	240	−0.429	27
250	.268	.270	.272	.274	.276	.278	.280	.282	.284	.286	250	−0.456	13
260	.268	.268	.269	.269	.270	.271	.271	.272	.273	.273	260	−0.469	1
270	.268	.267	.266	.265	.264	.263	.263	.262	.261	.260	270	−0.468	15
280	50.268	.265	.263	.261	.259	50.256	.254	.252	.250	.247	280	−0.453	28
290	.268	.264	.260	.257	.253	.250	.246	.243	.239	.235	290	−0.425	42
300	.268	.263	.258	.253	.248	.244	.239	.234	.229	.224	300	−0.383	54
310	.268	.262	.256	.250	.244	.238	.232	.226	.220	.214	310	−0.329	63
320	50.268	.261	.254	.247	.240	50.234	.227	.220	.213	.206	320	−0.266	71
330	.268	.260	.253	.245	.238	.230	.222	.215	.207	.200	330	−0.195	78
340	.268	.260	.252	.244	.236	.228	.220	.212	.203	.195	340	−0.117	81
350	.268	.259	.251	.243	.235	.226	.218	.210	.202	.193	350	−0.036	82
360	50.268	.259	.251	.243	.235	50.227	.218	.210	.202	.193	360	+0.046	

Präzession in Länge p_λ											Präz. in Br. p_β		
Länge	Breite β										Länge	Präzession	
λ	0°	−1°	−2°	−3°	−4°	−5°	−6°	−7°	−8°	−9°	λ	p_β	
0°	50.″268	″.276	″.284	″.292	″.300	50.″308	″.317	″.325	″.333	″.342	0°	+0.″046	81
10	.268	.275	.283	.291	.299	.307	.315	.323	.331	.339	10	+0.127	76
20	.268	.275	.282	.290	.297	.305	.312	.320	.327	.335	20	+0.203	71
30	.268	.274	.281	.288	.294	.301	.308	.315	.321	.328	30	+0.274	62
40	50.268	.273	.279	.285	.291	50.296	.302	.308	.314	.320	40	+0.336	52
50	.268	.272	.277	.281	.286	.291	.295	.300	.305	.310	50	+0.388	41
60	.268	.271	.274	.278	.281	.285	.288	.291	.295	.298	60	+0.429	27
70	.268	.270	.272	.274	.276	.278	.280	.282	.284	.286	70	+0.456	13
80	50.268	.268	.269	.269	.270	50.271	.271	.272	.273	.273	80	+0.469	1
90	.268	.267	.266	.265	.264	.263	.263	.262	.261	.260	90	+0.468	15
100	.268	.265	.263	.261	.259	.256	.254	.252	.250	.247	100	+0.453	28
110	.268	.264	.260	.257	.253	.250	.246	.243	.239	.235	110	+0.425	42
120	50.268	.263	.258	.253	.248	50.244	.239	.234	.229	.224	120	+0.383	54
130	.268	.262	.256	.250	.244	.238	.232	.226	.220	.214	130	+0.329	63
140	.268	.261	.254	.247	.240	.234	.227	.220	.216	.206	140	+0.266	71
150	.268	.260	.253	.245	.238	.230	.222	.215	.207	.200	150	+0.195	78
160	50.268	.260	.252	.244	.236	50.228	.220	.212	.203	.195	160	+0.117	81
170	.268	.259	.251	.243	.235	.226	.218	.210	.202	.193	170	+0.036	82
180	.268	.259	.251	.243	.235	.227	.218	.210	.202	.193	180	−0.046	81
190	.268	.260	.252	.244	.236	.228	.220	.212	.204	.196	190	−0.127	76
200	50.268	.260	.253	.245	.238	50.230	.223	.215	.208	.200	200	−0.203	71
210	.268	.261	.254	.247	.241	.234	.227	.220	.214	.207	210	−0.274	62
220	.268	.262	.256	.250	.244	.239	.233	.227	.221	.215	220	−0.336	52
230	.268	.263	.258	.254	.249	.244	.240	.235	.230	.225	230	−0.388	41
240	50.268	.264	.261	.257	.254	50.250	.247	.244	.240	.237	240	−0.429	27
250	.268	.265	.263	.261	.259	.257	.255	.253	.251	.249	250	−0.456	13
260	.268	.267	.266	.266	.265	.264	.264	.263	.262	.262	260	−0.469	1
270	.268	.268	.269	.270	.271	.272	.272	.273	.274	.275	270	−0.468	15
280	50.268	.270	.272	.274	.276	50.279	.281	.283	.285	.288	280	−0.453	28
290	.268	.271	.275	.278	.282	.285	.289	.292	.296	.300	290	−0.425	42
300	.268	.272	.277	.282	.287	.291	.296	.301	.306	.311	300	−0.383	54
310	.268	.273	.279	.285	.291	.297	.303	.309	.315	.321	310	−0.329	63
320	50.268	.274	.281	.288	.295	50.301	.308	.315	.322	.329	320	−0.266	71
330	.268	.275	.282	.290	.297	.305	.313	.320	.328	.335	330	−0.195	78
340	.268	.275	.283	.291	.299	.307	.315	.323	.332	.340	340	−0.117	81
350	.268	.276	.284	.292	.300	.309	.317	.325	.333	.342	350	−0.036	82
360	50.268	.276	.284	.292	.300	50.308	.317	.325	.333	.342	360	+0.046	

Präzession in Rektaszension (p_α) und Deklination (p_δ)

α \ δ	p_α +60°	+50°	+40°	+30°	+20°	+10°	0°	−10°	−20°	−30°	−40°	−50°	−60°	p_δ
h	s	s	s	s	s	s	s	s	s	s	s	s	s	"
0	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	+20.0
1	3.67	3.48	3.36	3.27	3.20	3.13	3.07	3.01	2.95	2.87	2.78	2.66	2.47	+19.4
2	4.23	3.87	3.63	3.46	3.32	3.19	3.07	2.95	2.83	2.69	2.51	2.28	1.92	+17.4
3	4.71	4.20	3.87	3.62	3.42	3.24	3.07	2.91	2.73	2.53	2.28	1.95	1.44	+14.2
4	5.08	4.45	4.04	3.74	3.49	3.28	3.07	2.87	2.65	2.41	2.10	1.69	1.07	+10.0
5	5.31	4.61	4.16	3.82	3.54	3.30	3.07	2.84	2.60	2.33	1.99	1.53	0.84	+ 5.2
6	5.39	4.67	4.19	3.84	3.56	3.31	3.07	2.84	2.59	2.30	1.95	1.48	0.76	0.0
7	5.31	4.61	4.16	3.82	3.54	3.30	3.07	2.84	2.60	2.33	1.99	1.53	0.84	− 5.2
8	5.08	4.45	4.04	3.74	3.49	3.28	3.07	2.87	2.65	2.41	2.10	1.69	1.07	−10.0
9	4.71	4.20	3.87	3.62	3.42	3.24	3.07	2.91	2.73	2.53	2.28	1.95	1.44	−14.2
10	4.23	3.87	3.63	3.46	3.32	3.19	3.07	2.95	2.83	2.69	2.51	2.28	1.92	−17.4
11	3.67	3.48	3.36	3.27	3.20	3.13	3.07	3.01	2.95	2.87	2.78	2.66	2.47	−19.4
12	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	−20.0
13	2.47	2.66	2.78	2.87	2.95	3.01	3.07	3.13	3.20	3.27	3.36	3.48	3.67	−19.4
14	1.92	2.28	2.51	2.69	2.83	2.95	3.07	3.19	3.32	3.46	3.63	3.87	4.23	−17.4
15	1.44	1.95	2.28	2.53	2.73	2.91	3.07	3.24	3.42	3.62	3.87	4.20	4.71	−14.2
16	1.07	1.69	2.10	2.41	2.65	2.87	3.07	3.28	3.49	3.74	4.04	4.45	5.08	−10.0
17	0.84	1.53	1.99	2.33	2.60	2.84	3.07	3.30	3.54	3.82	4.16	4.61	5.31	− 5.2
18	0.76	1.48	1.95	2.30	2.59	2.84	3.07	3.31	3.56	3.84	4.19	4.67	5.39	0.0
19	0.84	1.53	1.99	2.33	2.60	2.84	3.07	3.30	3.54	3.82	4.16	4.61	5.31	+ 5.2
20	1.07	1.69	2.10	2.41	2.65	2.87	3.07	3.28	3.49	3.74	4.04	4.45	5.08	+10.0
21	1.44	1.95	2.28	2.53	2.73	2.91	3.07	3.24	3.42	3.62	3.87	4.20	4.71	+14.2
22	1.92	2.28	2.51	2.69	2.83	2.95	3.07	3.19	3.32	3.46	3.63	3.87	4.23	+17.4
23	2.47	2.66	2.78	2.87	2.95	3.01	3.07	3.13	3.20	3.27	3.36	3.48	3.67	+19.4
24	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	+20.0

Präzessionswerte und Schiefe der Ekliptik

Zeit	m	n	n	ψ	log π	Π	ε
	s	"	s	"		° '	° ' "
1900.0	3.07234	20.0468	1.33646	50.2564	9.67309	173 57.06	23 27 8.26
1905.0	3.07243	20.0464	1.33643	50.2575	9.67305	173 59.80	23 27 5.92
1910.0	3.07252	20.0460	1.33640	50.2586	9.67302	174 2.53	23 27 3.57
1915.0	3.07262	20.0456	1.33637	50.2597	9.67299	174 5.27	23 27 1.23
1920.0	3.07271	20.0451	1.33634	50.2608	9.67296	174 8.01	23 26 58.89
1925.0	3.07280	20.0447	1.33632	50.2620	9.67293	174 10.75	23 26 56.54
1930.0	3.07289	20.0443	1.33629	50.2631	9.67290	174 13.49	23 26 54.20
1935.0	3.07299	20.0439	1.33626	50.2642	9.67287	174 16.23	23 26 51.86
1940.0	3.07308	20.0434	1.33623	50.2653	9.67284	174 18.97	23 26 49.52
1945.0	3.07317	20.0430	1.33620	50.2664	9.67281	174 21.71	23 26 47.17
1950.0	3.07327	20.0426	1.33617	50.2675	9.67278	174 24.45	23 26 44.83

′	″	°	′	″	°	″	°	″	°
0	0.0	0.000	3	0.0	0.050	0.000	0.00000	1.800	0.00050
	3.6	01		3.6	51	036	01	836	51
	7.2	02		7.2	52	072	02	872	52
	10.8	03		10.8	53	108	03	908	53
	14.4	04		14.4	54	144	04	944	54
0	18.0	0.005	3	18.0	0.055	0.180	0.00005	1.980	0.00055
	21.6	06		21.6	56	216	06	2.016	56
	25.2	07		25.2	57	252	07	052	57
	28.8	08		28.8	58	288	08	088	58
	32.4	09		32.4	59	324	09	124	59
0	36.0	0.010	3	36.0	0.060	0.360	0.00010	2.160	0.00060
	39.6	11		39.6	61	396	11	196	61
	43.2	12		43.2	62	432	12	232	62
	46.8	13		46.8	63	468	13	268	63
	50.4	14		50.4	64	504	14	304	64
	54.0	0.015		54.0	0.065	0.540	0.00015	2.340	0.00065
0	57.6	16	3	57.6	66	576	16	376	66
1	1.2	17	4	1.2	67	612	17	412	67
	4.8	18		4.8	68	648	18	448	68
	8.4	19		8.4	69	684	19	484	69
1	12.0	0.020	4	12.0	0.070	0.720	0.00020	2.520	0.00070
	15.6	21		15.6	71	756	21	556	71
	19.2	22		19.2	72	792	22	592	72
	22.8	23		22.8	73	828	23	628	73
	26.4	24		26.4	74	864	24	664	74
1	30.0	0.025	4	30.0	0.075	0.900	0.00025	2.700	0.00075
	33.6	26		33.6	76	936	26	736	76
	37.2	27		37.2	77	0.972	27	772	77
	40.8	28		40.8	78	1.008	28	808	78
	44.4	29		44.4	79	044	29	844	79
1	48.0	0.030	4	48.0	0.080	1.080	0.00030	2.880	0.00080
	51.6	31		51.6	81	116	31	916	81
	55.2	32		55.2	82	152	32	952	82
1	58.8	33	4	58.8	83	188	33	2.988	83
2	2.4	34	5	2.4	84	224	34	3.024	84
	6.0	0.035		6.0	0.085	1.260	0.00035	060	0.00085
	9.6	36		9.6	86	296	36	096	86
	13.2	37		13.2	87	332	37	132	87
	16.8	38		16.8	88	368	38	168	88
	20.4	39		20.4	89	404	39	204	89
2	24.0	0.040	5	24.0	0.090	1.440	0.00040	3.240	0.00090
	27.6	41		27.6	91	476	41	276	91
	31.2	42		31.2	92	512	42	312	92
	34.8	43		34.8	93	548	43	348	93
	38.4	44		38.4	94	584	44	384	94
2	42.0	0.045	5	42.0	0.095	1.620	0.00045	3.420	0.00095
	45.6	46		45.6	96	656	46	456	96
	49.2	47		49.2	97	692	47	492	97
	52.8	48		52.8	98	728	48	528	98
2	56.4	49	5	56.4	99	764	49	564	99
3	0.0	0.050	6	0.0	0.100	1.800	0.00050	3.600	0.00100

Verwandlung von mittlerer Zeit in Sternzeit

Red.	0^m	1^m	2^m	3^m	Red.		Red.	
s	h m s	h m s	h m s	h m s	s	m s	s	m s
0	0 0 0	6 5 15	12 10 29	18 15 44	0.00	0 0	0.50	3 3
1	0 6 5	6 11 20	12 16 34	18 21 49	0.01	0 4	0.51	3 6
2	0 12 10	6 17 25	12 22 40	18 27 54	0.02	0 7	0.52	3 10
3	0 18 16	6 23 30	12 28 45	18 33 59	0.03	0 11	0.53	3 14
4	0 24 21	6 29 36	12 34 50	18 40 5	0.04	0 15	0.54	3 17
5	0 30 26	6 35 41	12 40 55	18 46 10	0.05	0 18	0.55	3 21
6	0 36 31	6 41 46	12 47 1	18 52 15	0.06	0 22	0.56	3 25
7	0 42 37	6 47 51	12 53 6	18 58 20	0.07	0 26	0.57	3 28
8	0 48 42	6 53 56	12 59 11	19 4 26	0.08	0 29	0.58	3 32
9	0 54 47	7 0 2	13 5 16	19 10 31	0.09	0 33	0.59	3 35
10	1 0 52	7 6 7	13 11 21	19 16 36	0.10	0 37	0.60	3 39
11	1 6 58	7 12 12	13 17 27	19 22 41	0.11	0 40	0.61	3 43
12	1 13 3	7 18 17	13 23 32	19 28 47	0.12	0 44	0.62	3 46
13	1 19 8	7 24 23	13 29 37	19 34 52	0.13	0 47	0.63	3 50
14	1 25 13	7 30 28	13 35 42	19 40 57	0.14	0 51	0.64	3 54
15	1 31 19	7 36 33	13 41 48	19 47 2	0.15	0 55	0.65	3 57
16	1 37 24	7 42 38	13 47 53	19 53 7	0.16	0 58	0.66	4 1
17	1 43 29	7 48 44	13 53 58	19 59 13	0.17	1 2	0.67	4 5
18	1 49 34	7 54 49	14 0 3	20 5 18	0.18	1 6	0.68	4 8
19	1 55 40	8 0 54	14 6 9	20 11 23	0.19	1 9	0.69	4 12
20	2 1 45	8 6 59	14 12 14	20 17 28	0.20	1 13	0.70	4 16
21	2 7 50	8 13 5	14 18 19	20 23 34	0.21	1 17	0.71	4 19
22	2 13 55	8 19 10	14 24 24	20 29 39	0.22	1 20	0.72	4 23
23	2 20 1	8 25 15	14 30 30	20 35 44	0.23	1 24	0.73	4 27
24	2 26 6	8 31 20	14 36 35	20 41 49	0.24	1 28	0.74	4 30
25	2 32 11	8 37 26	14 42 40	20 47 55	0.25	1 31	0.75	4 34
26	2 38 16	8 43 31	14 48 45	20 54 0	0.26	1 35	0.76	4 38
27	2 44 22	8 49 36	14 54 51	21 0 5	0.27	1 39	0.77	4 41
28	2 50 27	8 55 41	15 0 56	21 6 10	0.28	1 42	0.78	4 45
29	2 56 32	9 1 47	15 7 1	21 12 16	0.29	1 46	0.79	4 49
30	3 2 37	9 7 52	15 13 6	21 18 21	0.30	1 50	0.80	4 52
31	3 8 43	9 13 57	15 19 12	21 24 26	0.31	1 53	0.81	4 56
32	3 14 48	9 20 2	15 25 17	21 30 31	0.32	1 57	0.82	4 59
33	3 20 53	9 26 8	15 31 22	21 36 37	0.33	2 1	0.83	5 3
34	3 26 58	9 32 13	15 37 27	21 42 42	0.34	2 4	0.84	5 7
35	3 33 3	9 38 18	15 43 33	21 48 47	0.35	2 8	0.85	5 10
36	3 39 9	9 44 23	15 49 38	21 54 52	0.36	2 11	0.86	5 14
37	3 45 14	9 50 28	15 55 43	22 0 58	0.37	2 15	0.87	5 18
38	3 51 19	9 56 34	16 1 48	22 7 3	0.38	2 19	0.88	5 21
39	3 57 24	10 2 39	16 7 54	22 13 8	0.39	2 22	0.89	5 25
40	4 3 30	10 8 44	16 13 59	22 19 13	0.40	2 26	0.90	5 29
41	4 9 35	10 14 49	16 20 4	22 25 19	0.41	2 30	0.91	5 32
42	4 15 40	10 20 55	16 26 9	22 31 24	0.42	2 33	0.92	5 36
43	4 21 45	10 27 0	16 32 14	22 37 29	0.43	2 37	0.93	5 40
44	4 27 51	10 33 5	16 38 20	22 43 34	0.44	2 41	0.94	5 43
45	4 33 56	10 39 10	16 44 25	22 49 39	0.45	2 44	0.95	5 47
46	4 40 1	10 45 16	16 50 30	22 55 45	0.46	2 48	0.96	5 51
47	4 46 6	10 51 21	16 56 35	23 1 50	0.47	2 52	0.97	5 54
48	4 52 12	10 57 26	17 2 41	23 7 55	0.48	2 55	0.98	5 58
49	4 58 17	11 3 31	17 8 46	23 14 0	0.49	2 59	0.99	6 2
50	5 4 22	11 9 37	17 14 51	23 20 6	0.50	3 3	1.00	6 5
51	5 10 27	11 15 42	17 20 56	23 26 11				
52	5 16 33	11 21 47	17 27 2	23 32 16				
53	5 22 38	11 27 52	17 33 7	23 38 21				
54	5 28 43	11 33 58	17 39 12	23 44 27				
55	5 34 48	11 40 3	17 45 17	23 50 32				
56	5 40 54	11 46 8	17 51 23	23 56 37				
57	5 46 59	11 52 13	17 57 28	24 2 42				
58	5 53 4	11 58 19	18 3 33	24 8 48				
59	5 59 9	12 4 24	18 9 38	24 14 53				

Die Reduktion ist zur mittleren Zeit zu addieren.

Red.	0^m	1^m	2^m	3^m	Red.		Red.	
s	h m s	h m s	h m s	h m s	s	m s	s	m s
0	0 0 0	6 6 15	12 12 29	18 18 44	0.00	0 0	0.50	3 3
1	0 6 6	6 12 21	12 18 35	18 24 50	0.01	0 4	0.51	3 7
2	0 12 12	6 18 27	12 24 42	18 30 56	0.02	0 7	0.52	3 10
3	0 18 19	6 24 33	12 30 48	18 37 2	0.03	0 11	0.53	3 14
4	0 24 25	6 30 40	12 36 54	18 43 9	0.04	0 15	0.54	3 18
5	0 30 31	6 36 46	12 43 0	18 49 15	0.05	0 18	0.55	3 21
6	0 36 37	6 42 52	12 49 7	18 55 21	0.06	0 22	0.56	3 25
7	0 42 44	6 48 58	12 55 13	19 1 27	0.07	0 26	0.57	3 29
8	0 48 50	6 55 4	13 1 19	19 7 34	0.08	0 29	0.58	3 32
9	0 54 56	7 1 11	13 7 25	19 13 40	0.09	0 33	0.59	3 36
10	1 1 2	7 7 17	13 13 31	19 19 46	0.10	0 37	0.60	3 40
11	1 7 9	7 13 23	13 19 38	19 25 52	0.11	0 40	0.61	3 43
12	1 13 15	7 19 29	13 25 44	19 31 59	0.12	0 44	0.62	3 47
13	1 19 21	7 25 36	13 31 50	19 38 5	0.13	0 48	0.63	3 51
14	1 25 27	7 31 42	13 37 56	19 44 11	0.14	0 51	0.64	3 54
15	1 31 34	7 37 48	13 44 3	19 50 17	0.15	0 55	0.65	3 58
16	1 37 40	7 43 54	13 50 9	19 56 23	0.16	0 59	0.66	4 2
17	1 43 46	7 50 1	13 56 15	20 2 30	0.17	1 2	0.67	4 5
18	1 49 52	7 56 7	14 2 21	20 8 36	0.18	1 6	0.68	4 9
19	1 55 59	8 2 13	14 8 28	20 14 42	0.19	1 10	0.69	4 13
20	2 2 5	8 8 19	14 14 34	20 20 48	0.20	1 13	0.70	4 16
21	2 8 11	8 14 26	14 20 40	20 26 55	0.21	1 17	0.71	4 20
22	2 14 17	8 20 32	14 26 46	20 33 1	0.22	1 21	0.72	4 24
23	2 20 24	8 26 38	14 32 53	20 39 7	0.23	1 24	0.73	4 27
24	2 26 30	8 32 44	14 38 59	20 45 13	0.24	1 28	0.74	4 31
25	2 32 36	8 38 51	14 45 5	20 51 20	0.25	1 32	0.75	4 35
26	2 38 42	8 44 57	14 51 11	20 57 26	0.26	1 35	0.76	4 38
27	2 44 49	8 51 3	14 57 18	21 3 32	0.27	1 39	0.77	4 42
28	2 50 55	8 57 9	15 3 24	21 9 38	0.28	1 43	0.78	4 46
29	2 57 1	9 3 16	15 9 30	21 15 45	0.29	1 46	0.79	4 49
30	3 3 7	9 9 22	15 15 36	21 21 51	0.30	1 50	0.80	4 53
31	3 9 14	9 15 28	15 21 43	21 27 57	0.31	1 54	0.81	4 57
32	3 15 20	9 21 34	15 27 49	21 34 3	0.32	1 57	0.82	5 0
33	3 21 26	9 27 41	15 33 55	21 40 10	0.33	2 1	0.83	5 4
34	3 27 32	9 33 47	15 40 1	21 46 16	0.34	2 5	0.84	5 8
35	3 33 38	9 39 53	15 46 8	21 52 22	0.35	2 8	0.85	5 11
36	3 39 45	9 45 59	15 52 14	21 58 28	0.36	2 12	0.86	5 15
37	3 45 51	9 52 5	15 58 20	22 4 35	0.37	2 16	0.87	5 19
38	3 51 57	9 58 12	16 4 26	22 10 41	0.38	2 19	0.88	5 22
39	3 58 3	10 4 18	16 10 33	22 16 47	0.39	2 23	0.89	5 26
40	4 4 10	10 10 24	16 16 39	22 22 53	0.40	2 26	0.90	5 30
41	4 10 16	10 16 30	16 22 45	22 29 0	0.41	2 30	0.91	5 33
42	4 16 22	10 22 37	16 28 51	22 35 6	0.42	2 34	0.92	5 37
43	4 22 28	10 28 43	16 34 57	22 41 12	0.43	2 37	0.93	5 41
44	4 28 35	10 34 49	16 41 4	22 47 18	0.44	2 41	0.94	5 44
45	4 34 41	10 40 55	16 47 10	22 53 24	0.45	2 45	0.95	5 48
46	4 40 47	10 47 2	16 53 16	22 59 31	0.46	2 48	0.96	5 52
47	4 46 53	10 53 8	16 59 22	23 5 37	0.47	2 52	0.97	5 55
48	4 53 0	10 59 14	17 5 29	23 11 43	0.48	2 56	0.98	5 59
49	4 59 6	11 5 20	17 11 35	23 17 49	0.49	2 59	0.99	6 3
50	5 5 12	11 11 27	17 17 41	23 23 56	0.50	3 3	1.00	6 6
51	5 11 18	11 17 33	17 23 47	23 30 2				
52	5 17 25	11 23 39	17 29 54	23 36 8				
53	5 23 31	11 29 45	17 36 0	23 42 14				
54	5 29 37	11 35 52	17 42 6	23 48 21				
55	5 35 43	11 41 58	17 48 12	23 54 27				
56	5 41 50	11 48 4	17 54 19	24 0 33				
57	5 47 56	11 54 10	18 0 25	24 6 39				
58	5 54 2	12 0 17	18 6 31	24 12 46				
59	6 0 8	12 6 23	18 12 37	24 18 52				

Die Reduktion ist von der Sternzeit zu subtrahieren.

Verwandlung von mittlerer Zeit in Sternzeit

Red.	0m			1m			2m			3m			Red.
s	h	m	s	h	m	s	h	m	s	h	m	s	s
0	0	0	0.0	6	5	14.5	12	10	29.1	18	15	43.6	0
1		6	5.2		11	19.8		16	34.3		21	48.8	1
2		12	10.5		17	25.0		22	39.6		27	54.1	2
3		18	15.7		23	30.3		28	44.8		33	59.3	3
4		24	21.0		29	35.5		34	50.0		40	4.6	4
5		30	26.2		35	40.7		40	55.3		46	9.8	5
6		36	31.5		41	46.0		47	0.5		52	15.1	6
7		42	36.7		47	51.2		53	5.8	18	58	20.3	7
8		48	41.9	6	53	56.5	12	59	11.0	19	4	25.5	8
9	0	54	47.2	7	0	1.7	13	5	16.2		10	30.8	9
10	1	0	52.4		6	7.0		11	21.5		16	36.0	10
11		6	57.7		12	12.2		17	26.7		22	41.3	11
12		13	2.9		18	17.4		23	32.0		28	46.5	12
13		19	8.1		24	22.7		29	37.2		34	51.8	13
14		25	13.4		30	27.9		35	42.5		40	57.0	14
15		31	18.6		36	33.2		41	47.7		47	2.2	15
16		37	23.9		42	38.4		47	52.9		53	7.5	16
17		43	29.1		48	43.7	13	53	58.2	19	59	12.7	17
18		49	34.4	7	54	48.9	14	0	3.4	20	5	18.0	18
19	1	55	39.6	8	0	54.1		6	8.7		11	23.2	19
20	2	1	44.8		6	59.4		12	13.9		17	28.4	20
21		7	50.1		13	4.6		18	19.2		23	33.7	21
22		13	55.3		19	9.9		24	24.4		29	38.9	22
23		20	0.6		25	15.1		30	29.6		35	44.2	23
24		26	5.8		31	20.3		36	34.9		41	49.4	24
25		32	11.1		37	25.6		42	40.1		47	54.7	25
26		38	16.3		43	30.8		48	45.4	20	53	59.9	26
27		44	21.5		49	36.1	14	54	50.6	21	0	5.1	27
28		50	26.8	8	55	41.3	15	0	55.9		6	10.4	28
29	2	56	32.0	9	1	46.6		7	1.1		12	15.6	29
30	3	2	37.3		7	51.8		13	6.3		18	20.9	30
31		8	42.5		13	57.0		19	11.6		24	26.1	31
32		14	47.8		20	2.3		25	16.8		30	31.4	32
33		20	53.0		26	7.5		31	22.1		36	36.6	33
34		26	58.2		32	12.8		37	27.3		42	41.8	34
35		33	3.5		38	18.0		43	32.5		48	47.1	35
36		39	8.7		44	23.3		49	37.8	21	54	52.3	36
37		45	14.0		50	28.5	15	55	43.0	22	0	57.6	37
38		51	19.2	9	56	33.7	16	1	48.3		7	2.8	38
39	3	57	24.4	10	2	39.0		7	53.5		13	8.0	39
40	4	3	29.7		8	44.2		13	58.8		19	13.3	40
41		9	34.9		14	49.5		20	4.0		25	18.5	41
42		15	40.2		20	54.7		26	9.2		31	23.8	42
43		21	45.4		27	0.0		32	14.5		37	29.0	43
44		27	50.7		33	5.2		38	19.7		43	34.3	44
45		33	55.9		39	10.4		44	25.0		49	39.5	45
46		40	1.1		45	15.7		50	30.2	22	55	44.7	46
47		46	6.4		51	20.9	16	56	35.5	23	1	50.0	47
48		52	11.6	10	57	26.2	17	2	40.7		7	55.2	48
49	4	58	16.9	11	3	31.4		8	45.9		14	0.5	49
50	5	4	22.1		9	36.6		14	51.2		20	5.7	50
51		10	27.4		15	41.9		20	56.4		26	11.0	51
52		16	32.6		21	47.1		27	1.7		32	16.2	52
53		22	37.8		27	52.4		33	6.9		38	21.4	53
54		28	43.1		33	57.6		39	12.1		44	26.7	54
55		34	48.3		40	2.9		45	17.4		50	31.9	55
56		40	53.6		46	8.1		51	22.6	23	56	37.2	56
57		46	58.8		52	13.3	17	57	27.9	24	2	42.4	57
58		53	4.0	11	58	18.6	18	3	33.1		8	47.7	58
59	5	59	9.3	12	4	23.8	18	9	38.4	24	14	52.9	59

Die Reduktion ist zur mittleren Zeit zu addieren.

Red.			Red.		
s	m	s	s	m	s
0.00	0	0.0	0.50	3	2.6
01		3.7	51		6.3
02		7.3	52		9.9
03		11.0	53		13.6
04		14.6	54		17.2
0.05		18.3	0.55		20.9
06		21.9	56		24.5
07		25.6	57		28.2
08		29.2	58		31.8
09		32.9	59		35.5
0.10		36.5	0.60		39.1
11		40.2	61		42.8
12		43.8	62		46.5
13		47.5	63		50.1
14		51.1	64		53.8
0.15		54.8	0.65	3	57.4
16	0	58.4	66	4	1.1
17	1	2.1	67		4.7
18		5.7	68		8.4
19		9.4	69		12.0
0.20		13.0	0.70		15.7
21		16.7	71		19.3
22		20.4	72		23.0
23		24.0	73		26.6
24		27.7	74		30.3
0.25		31.3	0.75		33.9
26		35.0	76		37.6
27		38.6	77		41.2
28		42.3	78		44.9
29		45.9	79		48.5
0.30		49.6	0.80		52.2
31		53.2	81		55.8
32	1	56.9	82	4	59.5
33	2	0.5	83	5	3.2
34		4.2	84		6.8
0.35		7.8	0.85		10.5
36		11.5	86		14.1
37		15.1	87		17.8
38		18.8	88		21.4
39		22.4	89		25.1
0.40		26.1	0.90		28.7
41		29.7	91		32.4
42		33.4	92		36.0
43		37.1	93		39.7
44		40.7	94		43.3
0.45		44.4	0.95		47.0
46		48.0	96		50.6
47		51.7	97		54.3
48		55.3	98	5	57.9
0.49	2	59.0	0.99	6	1.6

Red.		Red.		Red.	
s	s	s	s	s	s
0.000		0.003		0.006	
	0.2		1.3		2.4
001		004		007	
	0.5		1.6		2.7
002		005		008	
	0.9		2.0		3.1
003		006		009	
	1.3		2.4		3.5
0.004		0.007		0.010	
					3.8

Verwandlung von Sternzeit in mittlere Zeit

Red.	0m	1m	2m	3m	Red.
s	h m s	h m s	h m s	h m s	s
0	0 0 0.0	6 6 14.5	12 12 29.1	18 18 43.6	0
1	6 6.2	12 20.8	18 35.3	24 49.9	1
2	12 12.5	18 27.0	24 41.6	30 56.1	2
3	18 18.7	24 33.3	30 47.8	37 2.3	3
4	24 25.0	30 39.5	36 54.0	43 8.6	4
5	30 31.2	36 45.7	43 0.3	49 14.8	5
6	36 37.5	42 52.0	49 6.5	18 55 21.1	6
7	42 43.7	48 58.2	12 55 12.8	19 1 27.3	7
8	48 49.9	6 55 4.5	13 1 19.0	7 33.5	8
9	0 54 56.2	7 1 10.7	7 25.3	13 39.8	9
10	1 1 2.4	7 17.0	13 31.5	19 46.0	10
11	7 8.7	13 23.2	19 37.7	25 52.3	11
12	13 14.9	19 29.4	25 44.0	31 58.5	12
13	19 21.1	25 35.7	31 50.2	38 4.8	13
14	25 27.4	31 41.9	37 56.5	44 11.0	14
15	31 33.6	37 48.2	44 2.7	50 17.2	15
16	37 39.9	43 54.4	50 8.9	19 56 23.5	16
17	43 46.1	50 0.7	13 56 15.2	20 2 29.7	17
18	49 52.4	7 56 6.9	14 2 21.4	8 36.0	18
19	1 55 58.6	8 2 13.1	8 27.7	14 42.2	19
20	2 2 4.8	8 19.4	14 33.9	20 48.5	20
21	8 11.1	14 25.6	20 40.2	26 54.7	21
22	14 17.3	20 31.9	26 46.4	33 0.9	22
23	20 23.6	26 38.1	32 52.6	39 7.2	23
24	26 29.8	32 44.4	38 58.9	45 13.4	24
25	32 36.1	38 50.6	45 5.1	51 19.7	25
26	38 42.3	44 56.8	51 11.4	20 57 25.9	26
27	44 48.5	51 3.1	14 57 17.6	21 3 32.2	27
28	50 54.8	8 57 9.3	15 3 23.9	9 38.4	28
29	2 57 1.0	9 3 15.6	9 30.1	15 44.6	29
30	3 3 7.3	9 21.8	15 36.3	21 50.9	30
31	9 13.5	15 28.0	21 42.6	27 57.1	31
32	15 19.8	21 34.3	27 48.8	34 3.4	32
33	21 26.0	27 40.5	33 55.1	40 9.6	33
34	27 32.2	33 46.8	40 1.3	46 15.8	34
35	33 38.5	39 53.0	46 7.6	52 22.1	35
36	39 44.7	45 59.3	52 13.8	21 58 28.3	36
37	45 51.0	52 5.5	15 58 20.0	22 4 34.6	37
38	51 57.2	9 58 11.7	16 4 26.3	10 40.8	38
39	3 58 3.4	10 4 18.0	10 32.5	16 47.1	39
40	4 4 9.7	10 24.2	16 38.8	22 53.3	40
41	10 15.9	16 30.5	22 45.0	28 59.5	41
42	16 22.2	22 36.7	28 51.2	35 5.8	42
43	22 28.4	28 43.0	34 57.5	41 12.0	43
44	28 34.7	34 49.2	41 3.7	47 18.3	44
45	34 40.9	40 55.4	47 10.0	53 24.5	45
46	40 47.1	47 1.7	53 16.2	22 59 30.8	46
47	46 53.4	53 7.9	16 59 22.5	23 5 37.0	47
48	52 59.6	10 59 14.2	17 5 28.7	11 43.2	48
49	4 59 5.9	11 5 20.4	11 34.9	17 49.5	49
50	5 5 12.1	11 26.7	17 41.2	23 55.7	50
51	11 18.4	17 32.9	23 47.4	30 2.0	51
52	17 24.6	23 39.1	29 53.7	36 8.2	52
53	23 30.8	29 45.4	35 59.9	42 14.5	53
54	29 37.1	35 51.6	42 6.2	48 20.7	54
55	35 43.3	41 57.9	48 12.4	23 54 26.9	55
56	41 49.6	48 4.1	17 54 18.6	24 0 33.2	56
57	47 55.8	11 54 10.3	18 0 24.9	6 39.4	57
58	5 54 2.1	12 0 16.6	6 31.1	12 45.7	58
59	6 0 8.3	12 6 22.8	18 12 37.4	24 18 51.9	59

Red.		Red.	
s	m s	s	m s
0.00	0 0.0	0.50	3 3.1
01	3.7	51	6.8
02	7.3	52	10.4
03	11.0	53	14.1
04	14.6	54	17.8
0.05	18.3	0.55	21.4
06	22.0	56	25.1
07	25.6	57	28.8
08	29.3	58	32.4
09	33.0	59	36.1
0.10	36.6	0.60	39.7
11	40.3	61	43.4
12	43.9	62	47.1
13	47.6	63	50.7
14	51.3	64	54.4
0.15	54.9	0.65	3 58.1
16	0 58.6	66	4 1.7
17	1 2.3	67	5.4
18	5.9	68	9.0
19	9.6	69	12.7
0.20	13.2	0.70	16.4
21	16.9	71	20.0
22	20.6	72	23.7
23	24.2	73	27.4
24	27.9	74	31.0
0.25	31.6	0.75	34.7
26	35.2	76	38.3
27	38.9	77	42.0
28	42.5	78	45.7
29	46.2	79	49.3
0.30	49.9	0.80	53.0
31	53.5	81	4 56.7
32	1 57.2	82	5 0.3
33	2 0.9	83	4.0
34	4.5	84	7.6
0.35	8.2	0.85	11.3
36	11.8	86	15.0
37	15.5	87	18.6
38	19.2	88	22.3
39	22.8	89	26.0
0.40	26.5	0.90	29.6
41	30.2	91	33.3
42	33.8	92	36.9
43	37.5	93	40.6
44	41.1	94	44.3
0.45	44.8	0.95	47.9
46	48.5	96	51.6
47	52.1	97	55.3
48	55.8	98	5 58.9
0.49	2 59.5	0.99	6 2.6

Red.		Red.		Red.	
s	s	s	s	s	s
0.000		0.003		0.006	
	0.2		1.3		2.4
001		004		007	
	0.5		1.6		2.7
002		005		008	
	0.9		2.0		3.1
003		006		009	
	1.3		2.4		3.5
0.004		0.007		0.010	
					3.8

Die Reduktion ist von der Sternzeit zu subtrahieren.

	0h	1h	2h	3h	4h	5h		
m	d	d	d	d	d	d	s	d
0	0.000000	0.041667	0.083333	0.125000	0.166667	0.208333	0	0.000000
1	000694	042361	084028	125694	167361	209028	1	000012
2	001389	043056	084722	126389	168056	209722	2	000023
3	002083	043750	085417	127083	168750	210417	3	000035
4	002778	044444	086111	127778	169444	211111	4	000046
5	0.003472	0.045139	0.086806	0.128472	0.170139	0.211806	5	0.000058
6	004167	045833	087500	129167	170833	212500	6	000069
7	004861	046528	088194	129861	171528	213194	7	000081
8	005556	047222	088889	130556	172222	213889	8	000093
9	006250	047917	089583	131250	172917	214583	9	000104
10	0.006944	0.048611	0.090278	0.131944	0.173611	0.215278	10	0.000116
11	007639	049306	090972	132639	174306	215972	11	000127
12	008333	050000	091667	133333	175000	216667	12	000139
13	009028	050694	092361	134028	175694	217361	13	000150
14	009722	051389	093056	134722	176389	218056	14	000162
15	0.010417	0.052083	0.093750	0.135417	0.177083	0.218750	15	0.000174
16	011111	052778	094444	136111	177778	219444	16	000185
17	011806	053472	095139	136806	178472	220139	17	000197
18	012500	054167	095833	137500	179167	220833	18	000208
19	013194	054861	096528	138194	179861	221528	19	000220
20	0.013889	0.055556	0.097222	0.138889	0.180556	0.222222	20	0.000231
21	014583	056250	097917	139583	181250	222917	21	000243
22	015278	056944	098611	140278	181944	223611	22	000255
23	015972	057639	099306	140972	182639	224306	23	000266
24	016667	058333	100000	141667	183333	225000	24	000278
25	0.017361	0.059028	0.100694	0.142361	0.184028	0.225694	25	0.000289
26	018056	059722	101389	143056	184722	226389	26	000301
27	018750	060417	102083	143750	185417	227083	27	000313
28	019444	061111	102778	144444	186111	227778	28	000324
29	020139	061806	103472	145139	186806	228472	29	000336
30	0.020833	0.062500	0.104167	0.145833	0.187500	0.229167	30	0.000347
31	021528	063194	104861	146528	188194	229861	31	000359
32	022222	063889	105556	147222	188889	230556	32	000370
33	022917	064583	106250	147917	189583	231250	33	000382
34	023611	065278	106944	148611	190278	231944	34	000394
35	0.024306	0.065972	0.107639	0.149306	0.190972	0.232639	35	0.000405
36	025000	066667	108333	150000	191667	233333	36	000417
37	025694	067361	109028	150694	192361	234028	37	000428
38	026389	068056	109722	151389	193056	234722	38	000440
39	027083	068750	110417	152083	193750	235417	39	000451
40	0.027778	0.069444	0.111111	0.152778	0.194444	0.236111	40	0.000463
41	028472	070139	111806	153472	195139	236806	41	000475
42	029167	070833	112500	154167	195833	237500	42	000486
43	029861	071528	113194	154861	196528	238194	43	000498
44	030556	072222	113889	155556	197222	238889	44	000509
45	0.031250	0.072917	0.114583	0.156250	0.197917	0.239583	45	0.000521
46	031944	073611	115278	156944	198611	240278	46	000532
47	032639	074306	115972	157639	199306	240972	47	000544
48	033333	075000	116667	158333	200000	241667	48	000556
49	034028	075694	117361	159028	200694	242361	49	000567
50	0.034722	0.076389	0.118056	0.159722	0.201389	0.243056	50	0.000579
51	035417	077083	118750	160417	202083	243750	51	000590
52	036111	077778	119444	161111	202778	244444	52	000602
53	036806	078472	120139	161806	203472	245139	53	000613
54	037500	079167	120833	162500	204167	245833	54	000625
55	0.038194	0.079861	0.121528	0.163194	0.204861	0.246528	55	0.000637
56	038889	080556	122222	163889	205556	247222	56	000648
57	039583	081250	122917	164583	206250	247917	57	000660
58	040278	081944	123611	165278	206944	248611	58	000671
59	0.040972	0.082639	0.124306	0 165972	0.207639	0.249306	59	0.000683

m	6h d	7h d	8h d	9h d	10h d	11h d	s	d
0	0.250000	0.291667	0.333333	0.375000	0.416667	0.458333	0	0.000000
1	250694	292361	334028	375694	417361	459028	1	000012
2	251389	293056	334722	376389	418056	459722	2	000023
3	252083	293750	335417	377083	418750	460417	3	000035
4	252778	294444	336111	377778	419444	461111	4	000046
5	0.253472	0.295139	0.336806	0.378472	0.420139	0.461806	5	0.000058
6	254167	295833	337500	379167	420833	462500	6	000069
7	254861	296528	338194	379861	421528	463194	7	000081
8	255556	297222	338889	380556	422222	463889	8	000093
9	256250	297917	339583	381250	422917	464583	9	000104
10	0.256944	0.298611	0.340278	0.381944	0.423611	0.465278	10	0.000116
11	257639	299306	340972	382639	424306	465972	11	000127
12	258333	300000	341667	383333	425000	466667	12	000139
13	259028	300694	342361	384028	425694	467361	13	000150
14	259722	301389	343056	384722	426389	468056	14	000162
15	0.260417	0.302083	0.343750	0.385417	0.427083	0.468750	15	0.000174
16	261111	302778	344444	386111	427778	469444	16	000185
17	261806	303472	345139	386806	428472	470139	17	000197
18	262500	304167	345833	387500	429167	470833	18	000208
19	263194	304861	346528	388194	429861	471528	19	000220
20	0.263889	0.305556	0.347222	0.388889	0.430556	0.472222	20	0.000231
21	264583	306250	347917	389583	431250	472917	21	000243
22	265278	306944	348611	390278	431944	473611	22	000255
23	265972	307639	349306	390972	432639	474306	23	000266
24	266667	308333	350000	391667	433333	475000	24	000278
25	0.267361	0.309028	0.350694	0.392361	0.434028	0.475694	25	0.000289
26	268056	309722	351389	393056	434722	476389	26	000301
27	268750	310417	352083	393750	435417	477083	27	000313
28	269444	311111	352778	394444	436111	477778	28	000324
29	270139	311806	353472	395139	436806	478472	29	000336
30	0.270833	0.312500	0.354167	0.395833	0.437500	0.479167	30	0.000347
31	271528	313194	354861	396528	438194	479861	31	000359
32	272222	313889	355556	397222	438889	480556	32	000370
33	272917	314583	356250	397917	439583	481250	33	000382
34	273611	315278	356944	398611	440278	481944	34	000394
35	0.274306	0.315972	0.357639	0.399306	0.440972	0.482639	35	0.000405
36	275000	316667	358333	400000	441667	483333	36	000417
37	275694	317361	359028	400694	442361	484028	37	000428
38	276389	318056	359722	401389	443056	484722	38	000440
39	277083	318750	360417	402083	443750	485417	39	000451
40	0.277778	0.319444	0.361111	0.402778	0.444444	0.486111	40	0.000463
41	278472	320139	361806	403472	445139	486806	41	000475
42	279167	320833	362500	404167	445833	487500	42	000486
43	279861	321528	363194	404861	446528	488194	43	000498
44	280556	322222	363889	405556	447222	488889	44	000509
45	0.281250	0.322917	0.364583	0.406250	0.447917	0.489583	45	0.000521
46	281944	323611	365278	406944	448611	490278	46	000532
47	282639	324306	365972	407639	449306	490972	47	000544
48	283333	325000	366667	408333	450000	491667	48	000556
49	284028	325694	367361	409028	450694	492361	49	000567
50	0.284722	0.326389	0.368056	0.409722	0.451389	0.493056	50	0.000579
51	285417	327083	368750	410417	452083	493750	51	000590
52	286111	327778	369444	411111	452778	494444	52	000602
53	286806	328472	370139	411806	453472	495139	53	000613
54	287500	329167	370833	412500	454167	495833	54	000625
55	0.288194	0.329861	0.371528	0.413194	0.454861	0.496528	55	0.000637
56	288889	330556	372222	413889	455556	497222	56	000648
57	289583	331250	372917	414583	456250	497917	57	000660
58	290278	331944	373611	415278	456944	498611	58	000671
59	0.290972	0.332639	0.374306	0.415972	0.457639	0.499306	59	0.000683

I. Anzahl der am 0. Januar, 12^h Welt-Zeit, seit Anfang der Periode verflossenen Tage

Jahr n. Chr.	0	100	200	300	400	500	600	700	800	900
	17	17	17	18	18	19	19	19	20	20
0	21057	57582	94107	30632	67157	03682	40207	76732	13257	49782
4	22518	59043	95568	32093	68618	05143	41668	78193	14718	51243
8	23979	60504	97029	33554	70079	06604	43129	79654	16179	52704
12	25440	61965	98490	35015	71540	08065	44590	81115	17640	54165
16	26901	63426	99951	36476	73001	09526	46051	82576	19101	55626
20	28362	64887	01412	37937	74462	10987	47512	84037	20562	57087
24	29823	66348	02873	39398	75923	12448	48973	85498	22023	58548
28	31284	67809	04334	40859	77384	13909	50434	86959	23484	60009
32	32745	69270	05795	42320	78845	15370	51895	88420	24945	61470
36	34206	70731	07256	43781	80306	16831	53356	89881	26406	62931
40	35667	72192	08717	45242	81767	18292	54817	91342	27867	64392
44	37128	73653	10178	46703	83228	19753	56278	92803	29328	65853
48	38589	75114	11639	48164	84689	21214	57739	94264	30789	67314
52	40050	76575	13100	49625	86150	22675	59200	95725	32250	68775
56	41511	78036	14561	51086	87611	24136	60661	97186	33711	70236
60	42972	79497	16022	52547	89072	25597	62122	98647	35172	71697
64	44433	80958	17483	54008	90533	27058	63583	00108	36633	73158
68	45894	82419	18944	55469	91994	28519	65044	01569	38094	74619
72	47355	83880	20405	56930	93455	29980	66505	03030	39555	76080
76	48816	85341	21866	58391	94916	31441	67966	04491	41016	77541
80	50277	86802	23327	59852	96377	32902	69427	05952	42477	79002
84	51738	88263	24788	61313	97838	34363	70888	07413	43938	80463
88	53199	89724	26249	62774	99299	35824	72349	08874	45399	81924
92	54660	91185	27710	64235	00760	37285	73810	10335	46860	83385
96	56121	92646	29171	65696	02221	38746	75271	11796	48321	84846
100	57582	94107	30632	67157	03682	40207	76732	13257	49782	86307
	17	17	18	18	19	19	19	20	20	20

Ia. Anzahl der am 0. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Schaltperiode verflossenen Tage

Jahr	Jan. 0	Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
0	0	31	60	91	121	152	182	213	244	274	305	335
1	366	397	425	456	486	517	547	578	609	639	670	700
2	731	762	790	821	851	882	912	943	974	1004	1035	1065
3	1096	1127	1155	1186	1216	1247	1277	1308	1339	1369	1400	1430

I. Anzahl der am 0. Januar, 12ʰ Welt-Zeit, seit Anfang der Periode verflossenen Tage

Jahr n. Chr.	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
	20	21	21	21	22	22	23	23	23	24
0	86307	22832	59357	95882	32407	68932	05447	41971[1]	78495[1]	15019[1]
4	87768	24293	60818	97343	33868	70393	06908	43432	79956	16480
8	89229	25754	62279	98804	35329	71854	08369	44893	81417	17941
12	90690	27215	63740	00265	36790	73315	09830	46354	82878	19402
16	92151	28676	65201	01726	38251	74776	11291	47815	84339	20863
20	93612	30137	66662	03187	39712	76237	12752	49276	85800	22324
24	95073	31598	68123	04648	41173	77698	14213	50737	87261	23785
28	96534	33059	69584	06109	42634	79159	15674	52198	88722	25246
32	97995	34520	71045	07570	44095	80620	17135	53659	90183	26707
36	99456	35981	72506	09031	45556	82081	18596	55120	91644	28168
40	00917	37442	73967	10492	47017	83542	20057	56581	93105	29629
44	02378	38903	75428	11953	48478	85003	21518	58042	94566	31090
48	03839	40364	76889	13414	49939	86464	22979	59503	96027	32551
52	05300	41825	78350	14875	51400	87925	24440	60964	97488	34012
56	06761	43286	79811	16336	52861	89386	25901	62425	98949	35473
60	08222	44747	81272	17797	54322	90847	27362	63886	00410	36934
64	09683	46208	82733	19258	55783	92308	28823	65347	01871	38395
68	11144	47669	84194	20719	57244	93769	30284	66808	03332	39856
72	12605	49130	85655	22180	58705	95230	31745	68269	04793	41317
76	14066	50591	87116	23641	60166	96691	33206	69730	06254	42778
80	15527	52052	88577	25102	61627	98152	34667	71191	07715	44239
84	16988	53513	90038	26563	63088	99603	36128	72652	09176	45700
88	18449	54974	91499	28024	64549	01064	37589	74113	10637	47161
92	19910	56435	92960	29485	66010	02525	39050	75574	12098	48622
96	21371	57896	94421	30946	67471	03986	40511	77035	13559	50083
100	22832	59357	95882	32407	68932	05447	41971[1]	78495[1]	15019[1]	51544
	21	21	21	22	22	23	23	23	24	24

[1]) Die Zahlen geben die am —1. Jan. seit Anfang der Periode verflossenen Tage.

Ia. Anzahl der am 0. eines jeden Monats, 12ʰ Welt-Zeit, seit Beginn der Schaltperiode verflossenen Tage

Jahr	Jan. 0	Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
0	0[2])	31[2])	60	91	121	152	182	213	244	274	305	335
1	366	397	425	456	486	517	547	578	609	639	670	700
2	731	762	790	821	851	882	912	943	974	1004	1035	1065
3	1096	1127	1155	1186	1216	1247	1277	1308	1339	1369	1400	1430

Von 1582 Okt. 15 bis 1583 Dez. 31 sind die Zahlen der Tafel Ia um 10 zu verkleinern.

[2]) In den Jahren 1700, 1800, 1900 um 1 zu vergrößern.

Julianische Periode

II. Anzahl der am 0. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Periode verflossenen Tage

Jahr n. Chr.	Januar 0	Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
1860	2400 410	441	470	501	531	562	592	623	654	684	715	745
1861	776	807	835	866	896	927	957	988	*019	*049	*080	*110
1862	2401 141	172	200	231	261	292	322	353	384	414	445	475
1863	506	537	565	596	626	657	687	718	749	779	810	840
1864	871	902	931	962	992	*023	*053	*084	*115	*145	*176	*206
1865	2402 237	268	296	327	357	388	418	449	480	510	541	571
1866	602	633	661	692	722	753	783	814	845	875	906	936
1867	967	998	*026	*057	*087	*118	*148	*179	*210	*240	*271	*301
1868	2403 332	363	392	423	453	484	514	545	576	606	637	667
1869	698	729	757	788	818	849	879	910	941	971	*002	*032
1870	2404 063	094	122	153	183	214	244	275	306	336	367	397
1871	428	459	487	518	548	579	609	640	671	701	732	762
1872	793	824	853	884	914	945	975	*006	*037	*067	*098	*128
1873	2405 159	190	218	249	279	310	340	371	402	432	463	493
1874	524	555	583	614	644	675	705	736	767	797	828	858
1875	889	920	948	979	*009	*040	*070	*101	*132	*162	*193	*223
1876	2406 254	285	314	345	375	406	436	467	498	528	559	589
1877	620	651	679	710	740	771	801	832	863	893	924	954
1878	985	*016	*044	*075	*105	*136	*166	*197	*228	*258	*289	*319
1879	2407 350	381	409	440	470	501	531	562	593	623	654	684
1880	715	746	775	806	836	867	897	928	959	989	*020	*050
1881	2408 081	112	140	171	201	232	262	293	324	354	385	415
1882	446	477	505	536	566	597	627	658	689	719	750	780
1883	811	842	870	901	931	962	992	*023	*054	*084	*115	*145
1884	2409 176	207	236	267	297	328	358	389	420	450	481	511
1885	542	573	601	632	662	693	723	754	785	815	846	876
1886	907	938	966	997	*027	*058	*088	*119	*150	*180	*211	*241
1887	2410 272	303	331	362	392	423	453	484	515	545	576	606
1888	637	668	697	728	758	789	819	850	881	911	942	972
1889	2411 003	034	062	093	123	154	184	215	246	276	307	337
1890	368	399	427	458	488	519	549	580	611	641	672	702
1891	733	764	792	823	853	884	914	945	976	*006	*037	*067
1892	2412 098	129	158	189	219	250	280	311	342	372	403	433
1893	464	495	523	554	584	615	645	676	707	737	768	798
1894	829	860	888	919	949	980	*010	*041	*072	*102	*133	*163
1895	2413 194	225	253	284	314	345	375	406	437	467	498	528
1896	559	590	619	650	680	711	741	772	803	833	864	894
1897	925	956	984	*015	*045	*076	*106	*137	*168	*198	*229	*259
1898	2414 290	321	349	380	410	441	471	502	533	563	594	624
1899	655	686	714	745	775	806	836	867	898	928	959	989

Julianische Periode

II. Anzahl der am o. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Periode verflossenen Tage

Jahr n. Chr.	Januar o	Febr. o	März o	April o	Mai o	Juni o	Juli o	Aug. o	Sept. o	Okt. o	Nov. o	Dez. o
1900	2415 020	051	079	110	140	171	201	232	263	293	324	354
1901	385	416	444	475	505	536	566	597	628	658	689	719
1902	750	781	809	840	870	901	931	962	993	*023	*054	*084
1903	2416 115	146	174	205	235	266	296	327	358	388	419	449
1904	480	511	540	571	601	632	662	693	724	754	785	815
1905	846	877	905	936	966	997	*027	*058	*089	*119	*150	*180
1906	2417 211	242	270	301	331	362	392	423	454	484	515	545
1907	576	607	635	666	696	727	757	788	819	849	880	910
1908	941	972	*001	*032	*062	*093	*123	*154	*185	*215	*246	*276
1909	2418 307	338	366	397	427	458	488	519	550	580	611	641
1910	672	703	731	762	792	823	853	884	915	945	976	*006
1911	2419 037	068	096	127	157	188	218	249	280	310	341	371
1912	402	433	462	493	523	554	584	615	646	676	707	737
1913	768	799	827	858	888	919	949	980	*011	*041	*072	*102
1914	2420 133	164	192	223	253	284	314	345	376	406	437	467
1915	498	529	557	588	618	649	679	710	741	771	802	832
1916	863	894	923	954	984	*015	*045	*076	*107	*137	*168	*198
1917	2421 229	260	288	319	349	380	410	441	472	502	533	563
1918	594	625	653	684	714	745	775	806	837	867	898	928
1919	959	990	*018	*049	*079	*110	*140	*171	*202	*232	*263	*293
1920	2422 324	355	384	415	445	476	506	537	568	598	629	659
1921	690	721	749	780	810	841	871	902	933	963	994	*024
1922	2423 055	086	114	145	175	206	236	267	298	328	359	389
1923	420	451	479	510	540	571	601	632	663	693	724	754
1924	785	816	845	876	906	937	967	998	*029	*059	*090	*120
1925	2424 151	182	210	241	271	302	332	363	394	424	455	485
1926	516	547	575	606	636	667	697	728	759	789	820	850
1927	881	912	940	971	*001	*032	*062	*093	*124	*154	*185	*215
1928	2425 246	277	306	337	367	398	428	459	490	520	551	581
1929	612	643	671	702	732	763	793	824	855	885	916	946
1930	977	*008	*036	*067	*097	*128	*158	*189	*220	*250	*281	*311
1931	2426 342	373	401	432	462	493	523	554	585	615	646	676
1932	707	738	767	798	828	859	889	920	951	981	*012	*042
1933	2427 073	104	132	163	193	224	254	285	316	346	377	407
1934	438	469	497	528	558	589	619	650	681	711	742	772
1935	803	834	862	893	923	954	984	*015	*046	*076	*107	*137
1936	2428 168	199	228	259	289	320	350	381	412	442	473	503
1937	534	565	593	624	654	685	715	746	777	807	838	868
1938	899	930	958	989	*019	*050	*080	*111	*142	*172	*203	*233
1939	2429 264	295	323	354	384	415	445	476	507	537	568	598

Julianische Periode

II. Anzahl der am 0. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Periode verflossenen Tage

Jahr n. Chr.	Januar 0	Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
1940	2429 629	660	689	720	750	781	811	842	873	903	934	964
1941	995	*026	*054	*085	*115	*146	*176	*207	*238	*268	*299	*329
1942	2430 360	391	419	450	480	511	541	572	603	633	664	694
1943	725	756	784	815	845	876	906	937	968	998	*029	*059
1944	2431 090	121	150	181	211	242	272	303	334	364	395	425
1945	456	487	515	546	576	607	637	668	699	729	760	790
1946	821	852	880	911	941	972	*002	*033	*064	*094	*125	*155
1947	2432 186	217	245	276	306	337	367	398	429	459	490	520
1948	551	582	611	642	672	703	733	764	795	825	856	886
1949	917	948	976	*007	*037	*068	*098	*129	*160	*190	*221	*251
1950	2433 282	313	341	372	402	433	463	494	525	555	586	616
1951	647	678	706	737	767	798	828	859	890	920	951	981
1952	2434 012	043	072	103	133	164	194	225	256	286	317	347
1953	378	409	437	468	498	529	559	590	621	651	682	712
1954	743	774	802	833	863	894	924	955	986	*016	*047	*077
1955	2435 108	139	167	198	228	259	289	320	351	381	412	442
1956	473	504	533	564	594	625	655	686	717	747	778	808
1957	839	870	898	929	959	990	*020	*051	*082	*112	*143	*173
1958	2436 204	235	263	294	324	355	385	416	447	477	508	538
1959	569	600	628	659	689	720	750	781	812	842	873	903
1960	934	965	994	*025	*055	*086	*116	*147	*178	*208	*239	*269
1961	2437 300	331	359	390	420	451	481	512	543	573	604	634
1962	665	696	724	755	785	816	846	877	908	938	969	999
1963	2438 030	061	089	120	150	181	211	242	273	303	334	364
1964	395	426	455	486	516	547	577	608	639	669	700	730
1965	761	792	820	851	881	912	942	973	*004	*034	*065	*095
1966	2439 126	157	185	216	246	277	307	338	369	399	430	460
1967	491	522	550	581	611	642	672	703	734	764	795	825
1968	856	887	916	947	977	*008	*038	*069	*100	*130	*161	*191
1969	2440 222	253	281	312	342	373	403	434	465	495	526	556
1970	587	618	646	677	707	738	768	799	830	860	891	921
1971	952	983	*011	*042	*072	*103	*133	*164	*195	*225	*256	*286
1972	2441 317	348	377	408	438	469	499	530	561	591	622	652
1973	683	714	742	773	803	834	864	895	926	956	987	*017
1974	2442 048	079	107	138	168	199	229	260	291	321	352	382
1975	413	444	472	503	533	564	594	625	656	686	717	747
1976	778	809	838	869	899	930	960	991	*022	*052	*083	*113
1977	2443 144	175	203	234	264	295	325	356	387	417	448	478
1978	509	540	568	599	629	660	690	721	752	782	813	843
1979	2443 874	905	933	964	994	*025	*055	*086	*117	*147	*178	*208

Hilfsgrößen

zur Berechnung der geozentrischen Koordinaten

$\rho \sin \varphi' = s \sin \varphi; \quad \rho \cos \varphi' = c \cos \varphi$

φ	log s		log c		φ	log s		log c	
± 0°	9.9970705	4	0.0000000	4	±40°	9.9976745	252	0.0006040	252
1	.9970709	14	.0000004	14	41	.9976997	254	.0006292	254
2	.9970723	22	.0000018	22	42	.9977251	255	.0006546	255
3	.9970745	31	.0000040	31	43	.9977506	255	.0006801	255
4	.9970776	40	.0000071	40	44	.9977761	255	.0007056	255
5	9.9970816	49	0.0000111	49	45	9.9978016	256	0.0007311	256
6	.9970865	57	.0000160	57	46	.9978272	255	.0007567	255
7	.9970922	66	.0000217	66	47	.9978527	255	.0007822	255
8	.9970988	74	.0000283	74	48	.9978782	254	.0008077	254
9	.9971062	83	.0000357	83	49	.9979036	252	.0008331	252
10	9.9971145	92	0.0000440	92	50	9.9979288	252	0.0008583	252
11	.9971237	99	.0000532	99	51	.9979540	249	.0008835	249
12	.9971336	108	.0000631	108	52	.9979789	247	.0009084	247
13	.9971444	116	.0000739	116	53	.9980036	245	.0009331	245
14	.9971560	123	.0000855	123	54	.9980281	242	.0009576	242
15	9.9971683	131	0.0000978	131	55	9.9980523	239	0.0009818	239
16	.9971814	139	.0001109	139	56	.9980762	235	.0010057	235
17	.9971953	146	.0001248	146	57	.9980997	232	.0010292	232
18	.9972099	154	.0001394	154	58	.9981229	228	.0010524	228
19	.9972253	160	.0001548	160	59	.9981457	224	.0010752	224
20	9.9972413	168	0.0001708	168	60	9.9981681	220	0.0010976	220
21	.9972581	174	.0001876	174	61	.9981901	215	.0011196	215
22	.9972755	180	.0002050	180	62	.9982116	209	.0011411	209
23	.9972935	187	.0002230	187	63	.9982325	205	.0011620	205
24	.9973122	192	.0002417	192	64	.9982530	199	.0011825	199
25	9.9973314	198	0.0002609	198	65	9.9982729	193	0.0012024	193
26	.9973512	204	.0002807	204	66	.9982922	188	.0012217	188
27	.9973716	209	.0003011	209	67	.9983110	181	.0012405	181
28	.9973925	214	.0003220	214	68	.9983291	175	.0012586	175
29	.9974139	219	.0003434	219	69	.9983466	168	.0012761	168
30	9.9974358	223	0.0003653	223	70	9.9983634	161	0.0012929	161
31	.9974581	227	.0003876	227	71	.9983795	154	.0013090	154
32	.9974808	232	.0004103	232	72	.9983949	147	.0013244	147
33	.9975040	235	.0004335	235	73	.9984096	140	.0013391	140
34	.9975275	238	.0004570	238	74	.9984236	132	.0013531	132
35	9.9975513	241	0.0004808	241	75	9.9984368	124	0.0013663	124
36	.9975754	245	.0005049	245	76	.9984492	117	.0013787	117
37	.9975999	246	.0005294	246	77	.9984609	108	.0013904	108
38	.9976245	249	.0005540	249	78	.9984717	100	.0014012	100
39	.9976494	251	.0005789	251	79	.9984817	92	.0014112	92
40	9.9976745		0.0006040		80	9.9984909		0.0014204	

δ \ φ	+30°	+32°	+34°	+36°	+38°	+40°	+42°	+44°	+46°	+48°	+50°
°	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
−30	4 45.4	4 38.8	4 31.8	4 24.4	4 16.5	4 8.1	3 58.9	3 48.9	3 37.9	3 25.7	3 11.8
29	4 48.6	4 42.3	4 35.6	4 28.6	4 21.1	4 13.0	4 4.3	3 54.9	3 44.5	3 33.0	3 20.1
28	4 51.7	4 45.7	4 39.3	4 32.6	4 25.5	4 17.8	4 9.6	4 0.7	3 50.9	3 40.1	3 28.0
27	4 54.7	4 49.0	4 42.9	4 36.5	4 29.8	4 22.5	4 14.7	4 6.2	3 57.0	3 46.9	3 35.5
26	4 57.7	4 52.2	4 46.5	4 40.4	4 33.9	4 27.1	4 19.7	4 11.7	4 3.0	3 53.4	3 42.8
25	5 0.6	4 55.4	4 49.9	4 44.2	4 38.0	4 31.5	4 24.5	4 16.9	4 8.7	3 59.7	3 49.7
24	5 3.5	4 58.5	4 53.3	4 47.8	4 42.0	4 35.8	4 29.2	4 22.0	4 14.3	4 5.8	3 56.5
23	5 6.3	5 1.6	4 56.6	4 51.4	4 45.9	4 40.1	4 33.8	4 27.0	4 19.7	4 11.8	4 3.0
22	5 9.0	5 4.6	4 59.9	4 55.0	4 49.7	4 44.2	4 38.3	4 31.9	4 25.0	4 17.5	4 9.3
21	5 11.7	5 7.5	5 3.1	4 58.4	4 53.5	4 48.3	4 42.7	4 36.7	4 30.2	4 23.2	4 15.4
−20	5 14.4	5 10.4	5 6.2	5 1.8	4 57.2	4 52.3	4 47.0	4 41.3	4 35.3	4 28.7	4 21.4
19	5 17.0	5 13.3	5 9.3	5 5.2	5 0.8	4 56.2	4 51.2	4 45.9	4 40.2	4 34.0	4 27.3
18	5 19.6	5 16.1	5 12.4	5 8.5	5 4.4	5 0.0	4 55.4	4 50.4	4 45.1	4 39.3	4 33.0
17	5 22.2	5 18.9	5 15.4	5 11.7	5 7.9	5 3.8	4 59.5	4 54.9	4 49.9	4 44.5	4 38.6
16	5 24.7	5 21.6	5 18.4	5 14.9	5 11.4	5 7.5	5 3.5	4 59.2	4 54.6	4 49.5	4 44.1
15	5 27.2	5 24.3	5 21.3	5 18.1	5 14.8	5 11.2	5 7.5	5 3.5	4 59.2	4 54.5	4 49.5
14	5 29.7	5 27.0	5 24.2	5 21.3	5 18.2	5 14.9	5 11.4	5 7.7	5 3.7	4 59.5	4 54.8
13	5 32.1	5 29.7	5 27.1	5 24.4	5 21.5	5 18.5	5 15.3	5 11.9	5 8.2	5 4.3	5 0.0
12	5 34.6	5 32.3	5 29.9	5 27.4	5 24.8	5 22.1	5 19.1	5 16.0	5 12.6	5 9.0	5 5.1
11	5 37.0	5 34.9	5 32.7	5 30.5	5 28.1	5 25.6	5 22.9	5 20.1	5 17.0	5 13.7	5 10.2
−10	5 39.4	5 37.5	5 35.5	5 33.5	5 31.3	5 29.1	5 26.7	5 24.1	5 21.4	5 18.4	5 15.2
9	5 41.7	5 40.1	5 38.3	5 36.5	5 34.6	5 32.5	5 30.4	5 28.1	5 25.7	5 23.0	5 20.2
8	5 44.1	5 42.6	5 41.1	5 39.5	5 37.8	5 36.0	5 34.1	5 32.1	5 29.9	5 27.6	5 25.1
7	5 46.4	5 45.2	5 43.8	5 42.4	5 41.0	5 39.4	5 37.8	5 36.0	5 34.2	5 32.2	5 30.0
6	5 48.8	5 47.7	5 46.6	5 45.4	5 44.1	5 42.8	5 41.4	5 40.0	5 38.4	5 36.7	5 34.9
5	5 51.1	5 50.2	5 49.3	5 48.3	5 47.3	5 46.2	5 45.1	5 43.9	5 42.6	5 41.2	5 39.7
4	5 53.4	5 52.7	5 52.0	5 51.2	5 50.4	5 49.6	5 48.7	5 47.8	5 46.8	5 45.7	5 44.5
3	5 55.8	5 55.2	5 54.7	5 54.1	5 53.6	5 53.0	5 52.3	5 51.6	5 50.9	5 50.1	5 49.3
2	5 58.1	5 57.7	5 57.4	5 57.1	5 56.7	5 56.3	5 55.9	5 55.5	5 55.1	5 54.6	5 54.1
− 1	6 0.4	6 0.2	6 0.1	6 0.0	5 59.8	5 59.7	5 59.5	5 59.4	5 59.2	5 59.0	5 58.9
0	6 2.7	6 2.7	6 2.8	6 2.9	6 2.9	6 3.0	6 3.1	6 3.2	6 3.4	6 3.5	6 3.6
+ 1	6 5.0	6 5.2	6 5.5	6 5.8	6 6.1	6 6.4	6 6.7	6 7.1	6 7.5	6 7.9	6 8.4
2	6 7.3	6 7.7	6 8.2	6 8.7	6 9.2	6 9.8	6 10.3	6 11.0	6 11.6	6 12.4	6 13.2
3	6 9.6	6 10.3	6 10.9	6 11.6	6 12.3	6 13.1	6 14.0	6 14.8	6 15.8	6 16.8	6 18.0
4	6 11.9	6 12.8	6 13.6	6 14.5	6 15.5	6 16.5	6 17.6	6 18.7	6 20.0	6 21.3	6 22.8
5	6 14.3	6 15.3	6 16.4	6 17.5	6 18.6	6 19.9	6 21.2	6 22.6	6 24.2	6 25.8	6 27.6
6	6 16.6	6 17.8	6 19.1	6 20.4	6 21.8	6 23.3	6 24.9	6 26.6	6 28.4	6 30.4	6 32.5
7	6 19.0	6 20.4	6 21.8	6 23.4	6 25.0	6 26.7	6 28.6	6 30.5	6 32.6	6 34.9	6 37.4
8	6 21.3	6 22.9	6 24.6	6 26.4	6 28.2	6 30.2	6 32.3	6 34.5	6 36.9	6 39.5	6 42.3
9	6 23.7	6 25.5	6 27.4	6 29.4	6 31.4	6 33.7	6 36.0	6 38.5	6 41.2	6 44.1	6 47.3
10	6 26.1	6 28.1	6 30.2	6 32.4	6 34.7	6 37.2	6 39.8	6 42.5	6 45.6	6 48.8	6 52.3
+11	6 28.5	6 30.7	6 33.0	6 35.4	6 38.0	6 40.7	6 43.6	6 46.6	6 49.9	6 53.5	6 57.4
12	6 31.0	6 33.4	6 35.9	6 38.5	6 41.3	6 44.3	6 47.4	6 50.8	6 54.4	6 58.3	7 2.5
13	6 33.4	6 36.0	6 38.8	6 41.6	6 44.7	6 47.9	6 51.3	6 54.9	6 58.9	7 3.1	7 7.8
14	6 35.9	6 38.7	6 41.7	6 44.8	6 48.0	6 51.5	6 55.2	6 59.2	7 3.4	7 8.0	7 13.1
15	6 38.4	6 41.4	6 44.6	6 47.9	6 51.5	6 55.2	6 59.2	7 3.5	7 8.1	7 13.0	7 18.5
16	6 41.0	6 44.2	6 47.6	6 51.2	6 54.9	6 58.9	7 3.2	7 7.8	7 12.7	7 18.1	7 23.9
17	6 43.5	6 47.0	6 50.6	6 54.4	6 58.5	7 2.7	7 7.3	7 12.2	7 17.5	7 23.3	7 29.5
18	6 46.1	6 49.8	6 53.7	6 57.7	7 2.0	7 6.6	7 11.5	7 16.7	7 22.4	7 28.5	7 35.3
19	6 48.8	6 52.7	6 56.8	7 1.1	7 5.7	7 10.5	7 15.7	7 21.3	7 27.4	7 33.9	7 41.1
20	6 51.5	6 55.6	6 59.9	7 4.5	7 9.4	7 14.5	7 20.1	7 26.0	7 32.4	7 39.4	7 47.1
+21	6 54.2	6 58.6	7 3.1	7 8.0	7 13.1	7 18.6	7 24.5	7 30.8	7 37.6	7 45.1	7 53.3
22	6 56.9	7 1.6	7 6.4	7 11.5	7 17.0	7 22.8	7 29.0	7 35.7	7 42.9	7 50.9	7 59.6
23	6 59.8	7 4.6	7 9.7	7 15.1	7 20.9	7 27.0	7 33.6	7 40.7	7 48.4	7 56.8	8 6.1
24	7 2.6	7 7.7	7 13.1	7 18.8	7 24.9	7 31.3	7 38.3	7 45.8	7 54.0	8 2.9	8 12.9
25	7 5.6	7 10.9	7 16.6	7 22.6	7 29.0	7 35.8	7 43.1	7 51.1	7 59.8	8 9.3	8 19.9
26	7 8.5	7 14.2	7 20.1	7 26.4	7 33.2	7 40.4	7 48.1	7 56.5	8 5.7	8 15.8	8 27.1
27	7 11.6	7 17.5	7 23.8	7 30.4	7 37.5	7 45.0	7 53.2	8 2.1	8 11.8	8 22.6	8 34.7
28	7 14.7	7 20.9	7 27.5	7 34.4	7 41.9	7 49.9	7 58.5	8 7.9	8 18.2	8 29.7	8 42.6
29	7 17.9	7 24.4	7 31.3	7 38.6	7 46.4	7 54.8	8 3.9	8 13.9	8 24.8	8 37.1	8 51.0
+30	7 21.2	7 28.0	7 35.2	7 42.9	7 51.1	7 59.9	8 9.5	8 20.1	8 31.7	8 44.8	8 59.7

δ \ φ	+50°	+51°	+52°	+53°	+54°	+55°	+56°	+57°	+58°	+59°	+60°
°	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
−30	3 11.8	3 4.1	2 55.8	2 46.8	2 36.9	2 25.9	2 13.5	1 59.3	1 42.4	1 21.1	0 49.7
29	3 20.1	3 12.9	3 5.3	2 57.0	2 48.0	2 38.1	2 27.1	2 14.7	2 0.4	1 43.4	1 21.9
28	3 28.0	3 21.3	3 14.2	3 6.6	2 58.3	2 49.3	2 39.4	2 28.4	2 15.9	2 1.6	1 44.5
27	3 35.5	3 29.3	3 22.7	3 15.7	3 8.0	2 59.8	2 50.8	2 40.8	2 29.8	2 17.3	2 2.9
26	3 42.8	3 37.0	3 30.8	3 24.2	3 17.2	3 9.6	3 1.4	2 52.4	2 42.4	2 31.3	2 18.8
25	3 49.7	3 44.3	3 38.6	3 32.4	3 25.9	3 18.9	3 11.3	3 3.1	2 54.1	2 44.1	2 33.0
24	3 56.5	3 51.4	3 46.0	3 40.3	3 34.3	3 27.8	3 20.8	3 13.2	3 5.0	2 56.0	2 46.0
23	4 3.0	3 58.2	3 53.2	3 47.9	3 42.3	3 36.2	3 29.8	3 22.8	3 15.3	3 7.1	2 58.0
22	4 9.3	4 4.9	4 0.2	3 55.2	3 50.0	3 44.3	3 38.4	3 31.9	3 25.0	3 17.5	3 9.3
21	4 15.4	4 11.3	4 6.9	4 2.3	3 57.4	3 52.2	3 46.6	3 40.7	3 34.3	3 27.4	3 19.9
−20	4 21.4	4 17.5	4 13.5	4 9.1	4 4.6	3 59.8	3 54.6	3 49.1	3 43.2	3 36.9	3 30.0
19	4 27.3	4 23.7	4 19.9	4 15.8	4 11.6	4 7.1	4 2.3	3 57.2	3 51.8	3 45.9	3 39.6
18	4 33.0	4 29.6	4 26.1	4 22.3	4 18.4	4 14.2	4 9.8	4 5.1	4 0.1	3 54.7	3 48.9
17	4 38.6	4 35.4	4 32.1	4 28.7	4 25.0	4 21.1	4 17.0	4 12.7	4 8.1	4 3.1	3 57.8
16	4 44.1	4 41.2	4 38.1	4 34.9	4 31.5	4 27.9	4 24.1	4 20.1	4 15.9	4 11.3	4 6.4
15	4 49.5	4 46.8	4 43.9	4 41.0	4 37.8	4 34.5	4 31.0	4 27.4	4 23.4	4 19.3	4 14.8
14	4 54.8	4 52.3	4 49.7	4 46.9	4 44.1	4 41.0	4 37.8	4 34.4	4 30.8	4 27.0	4 22.9
13	5 0.0	4 57.7	4 55.3	4 52.8	4 50.2	4 47.4	4 44.5	4 41.4	4 38.1	4 34.6	4 30.9
12	5 5.1	5 3.0	5 0.9	4 58.6	4 56.2	4 53.7	4 51.0	4 48.2	4 45.2	4 42.0	4 38.7
11	5 10.2	5 8.3	5 6.4	5 4.3	5 2.1	4 59.8	4 57.4	4 54.9	4 52.2	4 49.3	4 46.3
−10	5 15.2	5 13.5	5 11.8	5 9.9	5 7.9	5 5.9	5 3.7	5 1.5	4 59.1	4 56.5	4 53.8
9	5 20.2	5 18.7	5 17.1	5 15.5	5 13.7	5 11.9	5 10.0	5 8.0	5 5.8	5 3.6	5 1.2
8	5 25.1	5 23.8	5 22.4	5 21.0	5 19.5	5 17.9	5 16.2	5 14.4	5 12.5	5 10.6	5 8.5
7	5 30.0	5 28.9	5 27.7	5 26.4	5 25.1	5 23.8	5 22.3	5 20.8	5 19.2	5 17.5	5 15.7
6	5 34.9	5 33.9	5 32.9	5 31.8	5 30.7	5 29.6	5 28.4	5 27.1	5 25.7	5 24.3	5 22.8
5	5 39.7	5 38.9	5 38.1	5 37.2	5 36.3	5 35.4	5 34.4	5 33.4	5 32.2	5 31.1	5 29.9
4	5 44.5	5 43.9	5 43.3	5 42.6	5 41.9	5 41.2	5 40.4	5 39.6	5 38.7	5 37.8	5 36.9
3	5 49.3	5 48.9	5 48.4	5 47.9	5 47.4	5 46.9	5 46.3	5 45.8	5 45.2	5 44.5	5 43.8
2	5 54.1	5 53.8	5 53.5	5 53.3	5 52.9	5 52.6	5 52.3	5 52.0	5 51.6	5 51.2	5 50.8
− 1	5 58.9	5 58.8	5 58.7	5 58.6	5 58.4	5 58.3	5 58.2	5 58.1	5 58.0	5 57.9	5 57.7
0	6 3.6	6 3.7	6 3.8	6 3.9	6 4.0	6 4.1	6 4.2	6 4.3	6 4.4	6 4.5	6 4.7
+ 1	6 8.4	6 8.6	6 8.9	6 9.2	6 9.5	6 9.8	6 10.1	6 10.4	6 10.8	6 11.2	6 11.6
2	6 13.2	6 13.6	6 14.0	6 14.5	6 15.0	6 15.5	6 16.0	6 16.6	6 17.2	6 17.8	6 18.5
3	6 18.0	6 18.6	6 19.2	6 19.8	6 20.5	6 21.2	6 22.0	6 22.8	6 23.6	6 24.6	6 25.5
4	6 22.8	6 23.5	6 24.4	6 25.2	6 26.1	6 27.0	6 28.0	6 29.0	6 30.1	6 31.3	6 32.5
5	6 27.6	6 28.6	6 29.6	6 30.6	6 31.7	6 32.8	6 34.0	6 35.3	6 36.6	6 38.1	6 39.6
6	6 32.5	6 33.6	6 34.8	6 36.0	6 37.3	6 38.7	6 40.1	6 41.6	6 43.2	6 44.9	6 46.7
7	6 37.4	6 38.7	6 40.0	6 41.5	6 43.0	6 44.6	6 46.2	6 48.0	6 49.8	6 51.8	6 53.9
8	6 42.3	6 43.8	6 45.3	6 47.0	6 48.7	6 50.5	6 52.4	6 54.4	6 56.5	6 58.8	7 1.2
9	6 47.3	6 48.9	6 50.7	6 52.6	6 54.5	6 56.5	6 58.7	7 0.9	7 3.3	7 5.9	7 8.6
10	6 52.3	6 54.1	6 56.1	6 58.2	7 0.3	7 2.6	7 5.0	7 7.5	7 10.2	7 13.1	7 16.2
+11	6 57.4	6 59.4	7 1.6	7 3.9	7 6.3	7 8.8	7 11.4	7 14.2	7 17.2	7 20.4	7 23.8
12	7 2.5	7 4.8	7 7.2	7 9.7	7 12.3	7 15.1	7 18.0	7 21.1	7 24.3	7 27.8	7 31.5
13	7 7.8	7 10.2	7 12.8	7 15.5	7 18.4	7 21.4	7 24.6	7 28.0	7 31.6	7 35.4	7 39.5
14	7 13.1	7 15.7	7 18.6	7 21.5	7 24.6	7 27.9	7 31.4	7 35.1	7 39.0	7 43.2	7 47.7
15	7 18.5	7 21.4	7 24.4	7 27.6	7 31.0	7 34.6	7 38.3	7 42.4	7 46.6	7 51.2	7 56.1
16	7 23.9	7 27.1	7 30.4	7 33.8	7 37.5	7 41.4	7 45.4	7 49.8	7 54.4	7 59.4	8 4.7
17	7 29.5	7 32.9	7 36.5	7 40.2	7 44.1	7 48.3	7 52.7	7 57.4	8 2.5	8 7.9	8 13.7
18	7 35.3	7 38.9	7 42.7	7 46.7	7 50.9	7 55.4	8 0.2	8 5.3	8 10.8	8 16.6	8 23.0
19	7 41.1	7 45.0	7 49.1	7 53.4	7 57.9	8 2.8	8 7.9	8 13.4	8 19.4	8 25.7	8 32.6
20	7 47.1	7 51.3	7 55.6	8 0.3	8 5.2	8 10.4	8 15.9	8 21.9	8 28.3	8 35.2	8 42.8
+21	7 53.3	7 57.7	8 2.4	8 7.3	8 12.6	8 18.2	8 24.2	8 30.7	8 37.6	8 45.2	8 53.5
22	7 59.6	8 4.3	8 9.4	8 14.7	8 20.3	8 26.4	8 32.8	8 39.8	8 47.4	8 55.7	9 4.8
23	8 6.1	8 11.2	8 16.6	8 22.3	8 28.3	8 34.9	8 41.9	8 49.5	8 57.7	9 6.8	9 16.9
24	8 12.9	8 18.3	8 24.0	8 30.2	8 36.7	8 43.8	8 51.4	8 59.6	9 8.7	9 18.8	9 30.0
25	8 19.9	8 25.7	8 31.8	8 38.4	8 45.5	8 53.1	9 1.4	9 10.5	9 20.5	9 31.7	9 44.4
26	8 27.1	8 33.4	8 40.0	8 47.0	8 54.7	9 3.0	9 12.1	9 22.1	9 33.2	9 45.9	10 0.6
27	8 34.7	8 41.4	8 48.5	8 56.1	9 4.4	9 13.5	9 23.5	9 34.6	9 47.3	10 1.9	10 19.5
28	8 42.6	8 49.8	8 57.5	9 5.8	9 14.8	9 24.8	9 35.9	9 48.5	10 3.1	10 20.5	10 42.9
29	8 51.0	8 58.7	9 7.0	9 16.1	9 26.0	9 37.1	9 49.6	10 4.1	10 21.5	10 43.7	11 18.1
+30	8 59.7	9 8.1	9 17.2	9 27.1	9 38.2	9 50.7	10 5.1	10 22.3	10 44.4	11 18.5	—

Reduktionstafel

für den Auf- und Untergang der Sonne

Das obere Vorzeichen gilt für den Aufgang, das untere Vorzeichen für den Untergang.

Tag		Geographische Breite										
		+30°	+32°	+34°	+36°	+38°	+40°	+42°	+44°	+46°	+48°	+50°
1942		m	m	m	m	m	m	m	m	m	m	m
Jan.	1	∓62.7	∓58.0	∓53.1	∓48.0	∓42.6	∓36.7	∓30.5	∓23.8	∓16.5	∓8.7	0.0
	11	∓58.6	∓54.1	∓49.6	∓44.7	∓39.7	∓34.2	∓28.4	∓22.1	∓15.4	∓8.0	0.0
	21	∓52.3	∓48.3	∓44.2	∓39.8	∓35.3	∓30.4	∓25.2	∓19.7	∓13.7	∓7.1	0.0
	31	∓44.5	∓41.1	∓37.5	∓33.8	∓29.9	∓25.8	∓21.3	∓16.6	∓11.6	∓6.0	0.0
Febr.	10	∓35.7	∓33.0	∓30.1	∓27.1	∓24.0	∓20.6	∓17.0	∓13.2	∓ 9.2	∓4.8	0.0
	20	∓26.4	∓24.4	∓22.2	∓20.0	∓17.7	∓15.2	∓12.5	∓ 9.7	∓ 6.7	∓3.5	0.0
März	2	∓16.8	∓15.5	∓14.1	∓12.7	∓11.2	∓ 9.6	∓ 7.9	∓ 6.1	∓ 4.2	∓2.2	0.0
	12	∓ 7.1	∓ 6.6	∓ 6.0	∓ 5.4	∓ 4.7	∓ 4.0	∓ 3.3	∓ 2.6	∓ 1.8	∓0.9	0.0
	22	± 2.6	± 2.4	± 2.2	± 2.1	± 1.8	± 1.6	± 1.3	± 1.0	± 0.7	±0.3	0.0
April	1	±12.2	±11.3	±10.3	± 9.4	± 8.3	± 7.1	± 5.9	± 4.6	± 3.2	±1.6	0.0
	11	±21.9	±20.2	±18.5	±16.7	±14.7	±12.6	±10.4	± 8.2	± 5.6	±2.9	0.0
	21	±31.4	±28.9	±26.5	±23.9	±21.0	±18.1	±15.0	±11.7	± 8.1	±4.2	0.0
Mai	1	±40.5	±37.4	±34.2	±30.9	±27.3	±23.5	±19.6	±15.2	±10.6	±5.5	0.0
	11	±49.1	±45.4	±41.5	±37.5	±33.3	±28.6	±23.8	±18.5	±12.9	±6.7	0.0
	21	±56.7	±52.6	±48.1	±43.4	±38.6	±33.2	±27.6	±21.6	±15.0	±7.8	0.0
	31	±62.9	±58.4	±53.5	±48.3	±42.9	±37.0	±30.8	±24.1	±16.8	±8.8	0.0
Juni	10	±67.1	±62.2	±57.1	±51.6	±45.8	±39.6	±33.0	±25.9	±18.0	±9.5	0.0
	20	±68.8	±63.8	±58.6	±52.9	±47.0	±40.7	±33.9	±26.6	±18.5	±9.8	0.0
	30	±67.9	±62.9	±57.8	±52.2	±46.4	±40.1	±33.4	±26.2	±18.2	±9.6	0.0
Juli	10	±64.5	±59.7	±54.8	±49.5	±44.0	±38.0	±31.6	±24.8	±17.2	±9.1	0.0
	20	±58.9	±54.5	±50.0	±45.1	±40.1	±34.6	±28.7	±22.5	±15.6	±8.2	0.0
	30	±51.7	±47.8	±43.9	±39.5	±35.1	±30.2	±25.1	±19.6	±13.6	±7.1	0.0
Aug.	9	±43.5	±40.2	±36.8	±33.1	±29.4	±25.3	±21.0	±16.4	±11.4	±5.9	0.0
	19	±34.6	±32.0	±29.2	±26.3	±23.3	±20.1	±16.7	±12.9	± 9.0	±4.7	0.0
	29	±25.3	±23.4	±21.4	±19.3	±17.0	±14.7	±12.2	± 9.4	± 6.6	±3.4	0.0
Sept.	8	±15.9	±14.6	±13.4	±12.1	±10.7	± 9.2	± 7.6	± 5.9	± 4.1	±2.1	0.0
	18	± 6.4	± 5.8	± 5.3	± 4.8	± 4.3	± 3.7	± 3.0	± 2.4	± 1.7	±0.9	0.0
	28	∓ 3.3	∓ 3.0	∓ 2.7	∓ 2.4	∓ 2.1	∓ 1.8	∓ 1.5	∓ 1.1	∓ 0.8	∓0.4	0.0
Okt.	8	∓12.9	∓11.8	∓10.7	∓ 9.7	∓ 8.5	∓ 7.3	∓ 6.0	∓ 4.7	∓ 3.2	∓1.6	0.0
	18	∓22.4	∓20.6	∓18.8	∓16.9	∓14.9	∓12.8	∓10.5	∓ 8.2	∓ 5.6	∓2.9	0.0
	28	∓31.7	∓29.2	∓26.7	∓24.0	∓21.2	∓18.2	∓15.0	∓11.7	∓ 8.1	∓4.2	0.0
Nov.	7	∓40.6	∓37.5	∓34.3	∓30.9	∓27.3	∓23.4	∓19.4	∓15.1	∓10.4	∓5.5	0.0
	17	∓48.9	∓45.2	∓41.3	∓37.3	∓32.9	∓28.3	∓23.5	∓18.3	∓12.7	∓6.7	0.0
	27	∓55.9	∓51.7	∓47.3	∓42.7	∓37.8	∓32.5	∓27.1	∓21.1	∓14.7	∓7.7	0.0
Dez.	7	∓61.1	∓56.5	∓51.7	∓46.7	∓41.4	∓35.7	∓29.7	∓23.2	∓16.1	∓8.5	0.0
	17	∓63.9	∓59.1	∓54.1	∓48.9	∓43.3	∓37.4	∓31.1	∓24.3	∓16.9	∓8.9	0.0
	27	∓63.9	∓59.1	∓54.1	∓48.9	∓43.3	∓37.4	∓31.1	∓24.3	∓16.9	∓8.9	0.0
	37	∓61.1	∓56.5	∓51.7	∓46.7	∓41.4	∓35.7	∓29.7	∓23.2	∓16.1	∓8.4	0.0

Reduktionstafel

für den Auf- und Untergang der Sonne

Das obere Vorzeichen gilt für den Aufgang, das untere Vorzeichen für den Untergang.

Tag		Geographische Breite										
		+50°	+51°	+52°	+53°	+54°	+55°	+56°	+57°	+58°	+59°	+60°
1942		m	m	m	m	m	m	m	m	m	m	m
Jan.	1	0.0	±4.7	± 9.6	±14.8	±20.5	±26.4	±32.8	±39.6	±47.0	±55.1	±63.9
	11	0.0	±4.4	± 8.9	±13.8	±18.8	±24.4	±30.2	±36.4	±43.1	±50.4	±58.3
	21	0.0	±3.8	± 7.9	±12.1	±16.6	±21.3	±26.4	±31.8	±37.5	±43.7	±50.4
	31	0.0	±3.2	± 6.6	±10.1	±13.8	±17.8	±22.0	±26.4	±31.1	±36.2	±41.6
Febr.	10	0.0	±2.5	± 5.2	± 8.0	±10.9	±14.1	±17.3	±20.7	±24.4	±28.3	±32.5
	20	0.0	±1.8	± 3.8	± 5.8	± 7.9	±10.2	±12.6	±15.0	±17.7	±20.5	±23.4
März	2	0.0	±1.2	± 2.4	± 3.7	± 5.0	± 6.4	± 7.9	± 9.4	±11.1	±12.8	±14.5
	12	0.0	±0.5	± 1.0	± 1.5	± 2.1	± 2.7	± 3.3	± 3.9	± 4.5	± 5.3	± 6.0
	22	0.0	∓0.2	∓ 0.4	∓ 0.6	∓ 0.8	∓ 1.1	∓ 1.4	∓ 1.6	∓ 1.9	∓ 2.2	∓ 2.6
April	1	0.0	∓0.9	∓ 1.8	∓ 2.7	∓ 3.8	∓ 4.8	∓ 6.0	∓ 7.2	∓ 8.4	∓ 9.8	∓11.1
	11	0.0	∓1.5	∓ 3.2	∓ 4.9	∓ 6.8	∓ 8.6	∓10.6	∓12.8	∓15.0	∓17.4	∓19.9
	21	0.0	∓2.2	∓ 4.6	∓ 7.1	∓ 9.8	∓12.5	∓15.4	∓18.5	∓21.8	∓25.2	∓29.0
Mai	1	0.0	∓3.0	∓ 6.1	∓ 9.3	∓12.8	∓16.4	∓20.2	∓24.3	∓28.6	∓33.2	∓38.2
	11	0.0	∓3.6	∓ 7.4	∓11.4	∓15.7	∓20.2	∓24.9	∓30.1	∓35.6	∓41.4	∓47.7
	21	0.0	∓4.2	∓ 8.7	∓13.4	∓18.4	∓23.8	∓29.5	∓35.7	∓42.3	∓49.4	∓57.2
	31	0.0	∓4.7	∓ 9.8	∓15.2	∓20.8	∓27.0	∓33.5	∓40.6	∓48.2	∓56.5	∓65.7
Juni	10	0.0	∓5.1	∓10.6	∓16.4	∓22.6	∓29.2	∓36.3	∓44.1	∓52.5	∓61.8	∓72.2
	20	0.0	∓5.3	∓10.9	∓16.9	∓23.3	∓30.2	∓37.5	∓45.6	∓54.4	∓64.0	∓75.1
	30	0.0	∓5.2	∓10.7	∓16.6	∓22.9	∓29.6	∓36.9	∓44.8	∓53.4	∓62.8	∓73.6
Juli	10	0.0	∓4.9	∓10.1	∓15.6	∓21.5	∓27.8	∓34.5	∓41.8	∓49.7	∓58.5	∓68.0
	20	0.0	∓4.4	∓ 9.1	∓14.0	∓19.3	∓24.9	∓30.9	∓37.3	∓44.3	∓51.8	∓60.1
	30	0.0	∓3.8	∓ 7.9	∓12.1	∓16.6	∓21.4	∓26.5	∓32.0	∓37.8	∓44.1	∓50.9
Aug.	9	0.0	∓3.2	∓ 6.5	∓10.0	∓13.8	∓17.7	∓21.9	∓26.3	∓31.0	∓36.0	∓41.4
	19	0.0	∓2.5	∓ 5.1	∓ 7.8	∓10.8	∓13.8	∓17.1	∓20.5	∓24.2	∓28.0	∓32.2
	29	0.0	∓1.8	∓ 3.7	∓ 5.7	∓ 7.8	∓10.0	∓12.3	∓14.8	∓17.4	∓20.2	∓23.1
Sept.	8	0.0	∓1.2	∓ 2.3	∓ 3.6	∓ 4.9	∓ 6.2	∓ 7.7	∓ 9.2	∓10.8	∓12.6	∓14.4
	18	0.0	∓0.5	∓ 0.9	∓ 1.5	∓ 2.0	∓ 2.5	∓ 3.1	∓ 3.7	∓ 4.4	∓ 5.1	∓ 5.8
	28	0.0	±0.2	± 0.5	± 0.6	± 0.9	± 1.2	± 1.4	± 1.7	± 2.0	± 2.3	± 2.6
Okt.	8	0.0	±0.9	± 1.8	± 2.8	± 3.8	± 4.9	± 6.0	± 7.1	± 8.4	± 9.7	±11.0
	18	0.0	±1.6	± 3.2	± 4.9	± 6.7	± 8.6	±10.5	±12.6	±14.9	±17.2	±19.7
	28	0.0	±2.2	± 4.6	± 7.0	± 9.6	±12.4	±15.2	±18.2	±21.5	±24.8	±28.5
Nov.	7	0.0	±2.9	± 6.0	± 9.1	±12.6	±16.1	±19.9	±23.8	±28.1	±32.6	±37.6
	17	0.0	±3.6	± 7.3	±11.2	±15.4	±19.7	±24.4	±29.4	±34.7	±40.3	±46.5
	27	0.0	±4.1	± 8.4	±13.1	±17.9	±23.0	±28.5	±34.4	±40.7	±47.5	±54.9
Dez.	7	0.0	±4.6	± 9.3	±14.5	±19.8	±25.6	±31.8	±38.3	±45.5	±53.2	±61.6
	17	0.0	±4.8	± 9.8	±15.2	±20.9	±27.0	±33.5	±40.5	±48.2	±56.4	±65.6
	27	0.0	±4.8	± 9.8	±15.2	±20.9	±27.0	±33.5	±40.5	±48.2	±56.4	±65.6
	37	0.0	±4.6	± 9.3	±14.4	±19.8	±25.6	±31.8	±38.3	±45.4	±53.2	±61.6

Reduktionstafel

für den Auf- und Untergang des Mondes

Das obere Vorzeichen gilt für den Aufgang, das untere Vorzeichen für den Untergang.

t*)	Geographische Breite										
	+30°	+32°	+34°	+36°	+38°	+40°	+42°	+44°	+46°	+48°	+50°
h m	m	m	m	m	m	m	m	m	m	m	m
3 20	∓94.6	∓87.9	∓80.9	∓73.4	∓65.5	∓56.9	∓47.6	∓37.5	∓26.4	∓14.0	0.0
3 30	∓88.5	∓82.2	∓75.6	∓68.5	∓61.0	∓52.9	∓44.2	∓34.8	∓24.4	∓12.9	0.0
3 40	∓82.5	∓76.5	∓70.3	∓63.7	∓56.6	∓49.1	∓41.0	∓32.2	∓22.5	∓11.9	0.0
3 50	∓76.6	∓71.0	∓65.2	∓59.0	∓52.4	∓45.3	∓37.8	∓29.6	∓20.7	∓10.9	0.0
4 0	∓70.8	∓65.6	∓60.1	∓54.4	∓48.2	∓41.7	∓34.7	∓27.2	∓18.9	∓ 9.9	0.0
4 10	∓65.1	∓60.3	∓55.2	∓49.9	∓44.2	∓38.2	∓31.7	∓24.8	∓17.3	∓ 9.0	0.0
4 20	∓59.5	∓55.0	∓50.3	∓45.5	∓40.3	∓34.8	∓28.9	∓22.5	∓15.7	∓ 8.2	0.0
4 30	∓54.0	∓49.9	∓45.6	∓41.2	∓36.5	∓31.4	∓26.1	∓20.4	∓14.1	∓ 7.4	0.0
4 40	∓48.4	∓44.8	∓40.9	∓36.9	∓32.7	∓28.2	∓23.3	∓18.2	∓12.6	∓ 6.6	0.0
4 50	∓43.0	∓39.8	∓36.4	∓32.7	∓29.0	∓24.9	∓20.7	∓16.1	∓11.2	∓ 5.8	0.0
5 0	∓37.7	∓34.8	∓31.8	∓28.6	∓25.3	∓21.8	∓18.1	∓14.1	∓ 9.8	∓ 5.0	0.0
5 10	∓32.4	∓29.9	∓27.3	∓24.6	∓21.7	∓18.7	∓15.5	∓12.1	∓ 8.4	∓ 4.3	0.0
5 20	∓27.1	∓25.0	∓22.8	∓20.6	∓18.2	∓15.6	∓12.9	∓10.1	∓ 7.0	∓ 3.6	0.0
5 30	∓21.9	∓20.2	∓18.4	∓16.6	∓14.7	∓12.6	∓10.4	∓ 8.1	∓ 5.6	∓ 2.9	0.0
5 40	∓16.7	∓15.4	∓14.0	∓12.6	∓11.2	∓ 9.6	∓ 7.9	∓ 6.2	∓ 4.3	∓ 2.2	0.0
5 50	∓11.5	∓10.6	∓ 9.7	∓ 8.7	∓ 7.7	∓ 6.6	∓ 5.5	∓ 4.2	∓ 2.9	∓ 1.5	0.0
6 0	∓ 6.4	∓ 5.8	∓ 5.4	∓ 4.8	∓ 4.2	∓ 3.6	∓ 3.0	∓ 2.3	∓ 1.6	∓ 0.9	0.0
6 10	∓ 1.2	∓ 1.1	∓ 1.0	∓ 0.9	∓ 0.8	∓ 0.7	∓ 0.6	∓ 0.4	∓ 0.3	∓ 0.2	0.0
6 20	± 4.0	± 3.7	± 3.4	± 3.0	± 2.6	± 2.3	± 1.9	± 1.5	± 1.0	± 0.5	0.0
6 30	± 9.1	± 8.4	± 7.7	± 6.9	± 6.1	± 5.3	± 4.4	± 3.4	± 2.4	± 1.2	0.0
6 40	±14.3	±13.2	±12.0	±10.8	± 9.6	± 8.2	± 6.8	± 5.3	± 3.7	± 1.9	0.0
6 50	±19.5	±18.0	±16.4	±14.8	±13.1	±11.2	± 9.3	± 7.2	± 5.0	± 2.6	0.0
7 0	±24.7	±22.8	±20.9	±18.8	±16.6	±14.2	±11.8	± 9.1	± 6.3	± 3.3	0.0
7 10	±30.0	±27.7	±25.3	±22.8	±20.1	±17.3	±14.3	±11.1	± 7.7	± 4.0	0.0
7 20	±35.3	±32.6	±29.7	±26.8	±23.7	±20.3	±16.8	±13.1	± 9.1	± 4.7	0.0
7 30	±40.6	±37.5	±34.3	±30.9	±27.3	±23.4	±19.4	±15.1	±10.5	± 5.5	0.0
7 40	±45.9	±42.5	±38.9	±35.0	±31.0	±26.6	±22.1	±17.2	±12.0	± 6.2	0.0
7 50	±51.4	±47.6	±43.5	±39.2	±34.7	±29.9	±24.8	±19.3	±13.5	± 7.0	0.0
8 0	±56.9	±52.7	±48.2	±43.5	±38.5	±33.2	±27.6	±21.5	±15.0	± 7.8	0.0
8 10	±62.5	±57.9	±53.0	±47.9	±42.4	±36.6	±30.4	±23.8	±16.6	± 8.6	0.0
8 20	±68.2	±63.2	±57.9	±52.3	±46.4	±40.1	±33.3	±26.1	±18.2	± 9.5	0.0
8 30	±74.0	±68.5	±62.9	±56.9	±50.5	±43.7	±36.4	±28.5	±19.8	±10.5	0.0
8 40	±79.8	±74.0	±67.9	±61.5	±54.7	±47.3	±39.5	±30.9	±21.6	±11.4	0.0
8 50	±85.8	±79.6	±73.1	±66.3	±59.0	±51.1	±42.7	±33.5	±23.5	±12.5	0.0
9 0	±91.9	±85.3	±78.4	±71.2	±63.4	±55.0	±46.0	±36.3	±25.5	±13.5	0.0

*) t ist beim Aufgang der Zeitunterschied zwischen Aufgang und Kulmination, beim Untergang der Zeitunterschied zwischen Kulmination und Untergang.

Reduktionstafel

für den Auf- und Untergang des Mondes

Das obere Vorzeichen gilt für den Aufgang, das untere Vorzeichen für den Untergang.

t*)	Geographische Breite										
	+50°	+51°	+52°	+53°	+54°	+55°	+56°	+57°	+58°	+59°	+60°
h m	m	m	m	m	m	m	m	m	m	m	m
3 20	0.0	±7.7	±16.1	±25.2	±35.1	±46.1	±58.4	±72.5	±89.1	±109.7	±138.1
3 30	0.0	±7.1	±14.7	±22.9	±31.8	±41.6	±52.4	±64.5	±78.3	± 94.5	±114.3
3 40	0.0	±6.5	±13.4	±20.9	±28.9	±37.6	±47.2	±57.7	±69.4	± 82.7	± 98.2
3 50	0.0	±5.9	±12.2	±19.0	±26.2	±34.0	±42.5	±51.7	±61.9	± 73.3	± 86.1
4 0	0.0	±5.4	±11.1	±17.2	±23.7	±30.8	±38.2	±46.3	±55.2	± 65.0	± 76.0
4 10	0.0	±4.9	±10.1	±15.6	±21.4	±27.7	±34.4	±41.6	±49.4	± 57.9	± 67.3
4 20	0.0	±4.5	± 9.1	±14.0	±19.2	±24.8	±30.8	±37.2	±44.0	± 51.5	± 59.6
4 30	0.0	±4.0	± 8.1	±12.5	±17.2	±22.2	±27.5	±33.1	±39.1	± 45.7	± 52.7
4 40	0.0	±3.5	± 7.3	±11.2	±15.3	±19.7	±24.3	±29.3	±34.5	± 40.2	± 46.3
4 50	0.0	±3.1	± 6.4	± 9.8	±13.4	±17.3	±21.4	±25.6	±30.2	± 35.1	± 40.4
5 0	0.0	±2.7	± 5.5	± 8.5	±11.6	±15.0	±18.5	±22.2	±26.1	± 30.3	± 34.8
5 10	0.0	±2.3	± 4.7	± 7.2	±10.0	±12.8	±15.7	±18.9	±22.2	± 25.7	± 29.5
5 20	0.0	±2.0	± 3.9	± 6.0	± 8.3	±10.7	±13.1	±15.7	±18.4	± 21.3	± 24.4
5 30	0.0	±1.6	± 3.2	± 4.8	± 6.7	± 8.5	±10.5	±12.6	±14.8	± 17.1	± 19.6
5 40	0.0	±1.2	± 2.4	± 3.7	± 5.0	± 6.5	± 7.9	± 9.5	±11.2	± 13.0	± 14.8
5 50	0.0	±0.8	± 1.7	± 2.6	± 3.4	± 4.4	± 5.5	± 6.5	± 7.7	± 8.9	± 10.2
6 0	0.0	±0.5	± 0.9	± 1.4	± 1.9	± 2.4	± 3.0	± 3.6	± 4.2	± 4.9	± 5.6
6 10	0.0	±0.1	± 0.2	± 0.2	± 0.4	± 0.5	± 0.6	± 0.7	± 0.8	± 0.9	± 1.1
6 20	0.0	∓0.3	∓ 0.6	∓ 0.9	∓ 1.2	∓ 1.5	∓ 1.9	∓ 2.3	∓ 2.6	∓ 3.0	∓ 3.5
6 30	0.0	∓0.6	∓ 1.3	∓ 2.0	∓ 2.7	∓ 3.5	∓ 4.3	∓ 5.2	∓ 6.0	∓ 7.0	∓ 8.0
6 40	0.0	∓1.0	∓ 2.1	∓ 3.1	∓ 4.3	∓ 5.5	∓ 6.8	∓ 8.1	∓ 9.5	∓ 11.0	∓ 12.6
6 50	0.0	∓1.3	∓ 2.9	∓ 4.3	∓ 5.9	∓ 7.5	∓ 9.4	∓11.2	∓13.1	∓ 15.1	∓ 17.3
7 0	0.0	∓1.7	∓ 3.6	∓ 5.5	∓ 7.5	∓ 9.6	∓11.9	∓14.3	∓16.7	∓ 19.3	∓ 22.2
7 10	0.0	∓2.1	∓ 4.4	∓ 6.7	∓ 9.2	∓11.7	∓14.5	∓17.4	∓20.4	∓ 23.7	∓ 27.1
7 20	0.0	∓2.5	∓ 5.1	∓ 7.9	∓10.8	∓13.8	∓17.1	∓20.6	∓24.2	∓ 28.1	∓ 32.3
7 30	0.0	∓2.9	∓ 6.0	∓ 9.2	∓12.6	∓16.1	∓19.9	∓24.0	∓28.2	∓ 32.8	∓ 37.7
7 40	0.0	∓3.3	∓ 6.9	∓10.6	∓14.4	∓18.5	∓22.9	∓27.5	∓32.4	∓ 37.8	∓ 43.4
7 50	0.0	∓3.8	∓ 7.7	∓12.0	∓16.3	∓21.0	∓25.9	∓31.3	∓36.9	∓ 43.0	∓ 49.6
8 0	0.0	∓4.2	∓ 8.7	∓13.4	∓18.3	∓23.7	∓29.2	∓35.3	∓41.7	∓ 48.7	∓ 56.3
8 10	0.0	∓4.7	∓ 9.6	∓14.9	∓20.4	∓26.4	∓32.6	∓39.5	∓46.8	∓ 54.8	∓ 63.5
8 20	0.0	∓5.2	∓10.6	∓16.4	∓22.6	∓29.2	∓36.3	∓44.0	∓52.3	∓ 61.5	∓ 71.6
8 30	0.0	∓5.7	∓11.7	∓18.1	∓25.0	∓32.4	∓40.4	∓49.1	∓58.6	∓ 69.1	∓ 81.0
8 40	0.0	∓6.3	∓12.9	∓19.9	∓27.6	∓35.8	∓44.9	∓54.9	∓65.7	∓ 77.9	∓ 92.1
8 50	0.0	∓6.8	∓14.1	∓21.9	∓30.5	∓39.7	∓49.8	∓61.2	∓73.8	∓ 88.5	∓106.1
9 0	0.0	∓7.4	∓15.4	∓24.1	∓33.7	∓44.1	∓55.3	∓68.4	∓83.6	∓101.4	∓125.9

*) *t* ist beim Aufgang der Zeitunterschied zwischen Aufgang und Kulmination, beim Untergang der Zeitunterschied zwischen Kulmination und Untergang.

Hilfstafeln

zur Berechnung der optischen Mondlibration

λ−☊	Δλ	a	B	λ−☊	λ−☊	Δλ	a	B	λ−☊
°	′		° ′	°	°	′		° ′	°
0	+0.0+	−0.0269+	−0 0.0+	180	45	+0.6+	−0.0190+	−1 5.3+	225
1	0.0	268	0 1.6	181	46	0.6	187	1 6.4	226
2	0.0	268	0 3.2	182	47	0.6	183	1 7.5	227
3	0.1	268	0 4.8	183	48	0.6	180	1 8.6	228
4	0.1	268	0 6.4	184	49	0.6	176	1 9.7	229
5	+0.1+	−0.0268+	−0 8.0+	185	50	+0.6+	−0.0173+	−1 10.7+	230
6	0.1	267	0 9.7	186	51	0.6	169	1 11.8	231
7	0.1	267	0 11.3	187	52	0.6	165	1 12.8	232
8	0.2	266	0 12.9	188	53	0.6	162	1 13.8	233
9	0.2	265	0 14.4	189	54	0.6	158	1 14.7	234
10	+0.2+	−0.0264+	−0 16.0+	190	55	+0.6+	−0.0154+	−1 15.6+	235
11	0.2	264	0 17.6	191	56	0.6	150	1 16.5	236
12	0.2	263	0 19.2	192	57	0.6	146	1 17.4	237
13	0.3	262	0 20.8	193	58	0.6	142	1 18.3	238
14	0.3	261	0 22.3	194	59	0.5	138	1 19.2	239
15	+0.3+	−0.0259+	−0 23.9+	195	60	+0.5+	−0.0134+	−1 20.0+	240
16	0.3	258	0 25.5	196	61	0.5	130	1 20.8	241
17	0.3	257	0 27.0	197	62	0.5	126	1 21.5	242
18	0.4	255	0 28.5	198	63	0.5	122	1 22.3	243
19	0.4	254	0 30.1	199	64	0.5	118	1 23.0	244
20	+0.4+	−0.0252+	−0 31.6+	200	65	+0.5+	−0.0114+	−1 23.7+	245
21	0.4	251	0 33.1	201	66	0.5	109	1 24.4	246
22	0.4	249	0 34.6	202	67	0.4	105	1 25.0	247
23	0.4	247	0 36.1	203	68	0.4	101	1 25.6	248
24	0.5	245	0 37.6	204	69	0.4	096	1 26.2	249
25	+0.5+	−0.0243+	−0 39.0+	205	70	+0.4+	−0.0092+	−1 26.8+	250
26	0.5	241	0 40.5	206	71	0.4	87	1 27.3	251
27	0.5	239	0 41.9	207	72	0.4	83	1 27.8	252
28	0.5	237	0 43.4	208	73	0.3	79	1 28.3	253
29	0.5	235	0 44.8	209	74	0.3	74	1 28.8	254
30	+0.5+	−0.0233+	−0 46.2+	210	75	+0.3+	−0.0070+	−1 29.2+	255
31	0.5	230	0 47.6	211	76	0.3	65	1 29.6	256
32	0.6	228	0 48.9	212	77	0.3	60	1 30.0	257
33	0.6	225	0 50.3	213	78	0.2	56	1 30.3	258
34	0.6	223	0 51.6	214	79	0.2	51	1 30.6	259
35	+0.6+	−0.0220+	−0 53.0+	215	80	+0.2+	−0.0047+	−1 30.9+	260
36	0.6	217	0 54.3	216	81	0.2	42	1 31.2	261
37	0.6	214	0 55.6	217	82	0.2	37	1 31.4	262
38	0.6	212	0 56.9	218	83	0.1	33	1 31.6	263
39	0.6	209	0 58.1	219	84	0.1	28	1 31.8	264
40	+0.6+	−0.0206+	−0 59.4+	220	85	+0.1+	−0.0023+	−1 32.0+	265
41	0.6	203	1 0.6	221	86	0.1	19	1 32.1	266
42	0.6	200	1 1.8	222	87	0.1	14	1 32.2	267
43	0.6	196	1 3.0	223	88	0.0	09	1 32.3	268
44	0.6	193	1 4.1	224	89	0.0	05	1 32.3	269
45	+0.6+	−0.0190+	−1 5.3+	225	90	+0.0+	−0.0000+	−1 32.3+	270

$$l' = \lambda + \Delta\lambda - a(B - \beta) - L_{☾}; \quad b' = B - \beta$$

l', b' = Optische Libration der Mondmitte in selenographischer Länge und Breite.

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort.

$L_{☾}$ = Mittlere Länge des Mondes, ☊ = Mondknoten.

Hilfstafeln

zur Berechnung der optischen Mondlibration

λ−☊	Δλ	*a*	*B*	λ−☊	λ−☊	Δλ	*a*	*B*	λ−☊
°	′		° ′	°	°	′		° ′	°
90	−0.0−	+0.0000−	−1 32.3+	270	135	−0.6−	+0.0190−	−1 5.3+	315
91	0.0	05	1 32.3	271	136	0.6	193	1 4.1	316
92	0.0	09	1 32.3	272	137	0.6	196	1 3.0	317
93	0.1	14	1 32.2	273	138	0.6	200	1 1.8	318
94	0.1	19	1 32.1	274	139	0.6	203	1 0.6	319
95	−0.1−	+0.0023−	−1 32.0+	275	140	−0.6−	+0.0206−	−0 59.4+	320
96	0.1	28	1 31.8	276	141	0.6	209	0 58.1	321
97	0.1	33	1 31.6	277	142	0.6	212	0 56.9	322
98	0.2	37	1 31.4	278	143	0.6	214	0 55.6	323
99	0.2	42	1 31.2	279	144	0.6	217	0 54.3	324
100	−0.2−	+0.0047−	−1 30.9+	280	145	−0.6−	+0.0220−	−0 53.0+	325
101	0.2	51	1 30.6	281	146	0.6	223	0 51.6	326
102	0.2	56	1 30.3	282	147	0.6	225	0 50.3	327
103	0.3	60	1 30.0	283	148	0.6	228	0 48.9	328
104	0.3	65	1 29.6	284	149	0.5	230	0 47.6	329
105	−0.3−	+0.0070−	−1 29.2+	285	150	−0.5−	+0.0233−	−0 46.2+	330
106	0.3	74	1 28.8	286	151	0.5	235	0 44.8	331
107	0.3	79	1 28.3	287	152	0.5	237	0 43.4	332
108	0.4	83	1 27.8	288	153	0.5	239	0 41.9	333
109	0.4	87	1 27.3	289	154	0.5	241	0 40.5	334
110	−0.4−	+0.0092−	−1 26.8+	290	155	−0.5−	+0.0243−	−0 39.0+	335
111	0.4	096	1 26.2	291	156	0.5	245	0 37.6	336
112	0.4	101	1 25.6	292	157	0.4	247	0 36.1	337
113	0.4	105	1 25.0	293	158	0.4	249	0 34.6	338
114	0.5	109	1 24.4	294	159	0.4	251	0 33.1	339
115	−0.5−	+0.0114−	−1 23.7+	295	160	−0.4−	+0.0252−	−0 31.6+	340
116	0.5	118	1 23.0	296	161	0.4	254	0 30.1	341
117	0.5	122	1 22.3	297	162	0.4	255	0 28.5	342
118	0.5	126	1 21.5	298	163	0.3	257	0 27.0	343
119	0.5	130	1 20.8	299	164	0.3	258	0 25.5	344
120	−0.5−	+0.0134−	−1 20.0+	300	165	−0.3−	+0.0259−	−0 23.9+	345
121	0.5	138	1 19.2	301	166	0.3	261	0 22.3	346
122	0.6	142	1 18.3	302	167	0.3	262	0 20.8	347
123	0.6	146	1 17.4	303	168	0.2	263	0 19.2	348
124	0.6	150	1 16.5	304	169	0.2	264	0 17.6	349
125	−0.6−	+0.0154−	−1 15.6+	305	170	−0.2−	+0.0264−	−0 16.0+	350
126	0.6	158	1 14.7	306	171	0.2	265	0 14.4	351
127	0.6	162	1 13.8	307	172	0.2	266	0 12.9	352
128	0.6	165	1 12.8	308	173	0.1	267	0 11.3	353
129	0.6	169	1 11.8	309	174	0.1	267	0 9.7	354
130	−0.6−	+0.0173−	−1 10.7+	310	175	−0.1−	+0.0268−	−0 8.0+	355
131	0.6	176	1 9.7	311	176	0.1	268	0 6.4	356
132	0.6	180	1 8.6	312	177	0.1	268	0 4.8	357
133	0.6	183	1 7.5	313	178	0.0	268	0 3.2	358
134	0.6	187	1 6.4	314	179	0.0	268	0 1.6	359
135	−0.6−	+0.0190−	−1 5.3+	315	180	−0.0−	+0.0269−	−0 0.0+	360

$$l' = \lambda + \Delta\lambda - a\,(B - \beta) - L_{☾}; \quad b' = B - \beta$$

l', b' = Optische Libration der Mondmitte in selenographischer Länge und Breite.

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort.

$L_{☾}$ = Mittlere Länge des Mondes, ☊ = Mondknoten.

Koordinaten der Sternwarten

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Abastumani (Mt. Kanobili)	1700	+41 43	− 2 51	− 28.1	+41 32	9.999471
Abbadia	69	+43 22 52.2	+ 0 7 0.1	+ 1.15	+43 11 17.8	9.999317
Åbo	—	+60 26 56.8	− 1 29 6.30	− 14.64	+60 16 58.8	9.998894
Adelaide	41	−34 55 35.1	− 9 14 19.90	− 91.06	−34 44 42.7	9.999526
Albany (Neue Sternw.)[1]	40	+42 39 12.8	+ 4 55 7.12	+ 48.48	+42 27 39.7	9.999334
Algier (Neue Sternw.)[2]	345	+36 48 4.8	− 0 12 8.47	− 1.99	+36 36 58.1	9.999497
Allegheny (Neue Sternw.)	370	+40 28 58.1	+ 5 20 5.39	+ 52.59	+40 17 31.4	9.999411
Allegheny (Alte Sternw.)	349	+40 27 41.6	+ 5 20 2.97	+ 52.58	+40 16 15.0	9.999411
Amherst (Neue Sternw.)	110	+42 21 56.5	+ 4 50 5.98	+ 47.66	+42 10 24.0	9.999346
Ann Arbor	282	+42 16 48.7	+ 5 34 55.27	+ 55.02	+42 5 16.4	9.999360
Arcetri Zentr. d. Sternw.[3]	184	+43 45 14.4	− 0 45 1.30	− 7.39	+43 33 39.5	9.999316
Arequipa[4]	2451	−16 22 28.0	+ 4 46 11.73	+ 47.02	−16 16 12.7	0.000052
Armagh	64	+54 21 11	+ 0 26 35.48	+ 4.37	+54 10 11.4	9.999041
Athen	110	+37 58 15.5	− 1 34 52.2	− 15.58	+37 47 1.2	9.999456
Bamberg (Remeis-Sternw.)	288	+49 53 6.4	− 0 43 33.57	− 7.15	+49 41 40.3	9.999167
Barcelona[5]	415	+41 24 59.3	− 0 8 30.2	− 1.41	+41 13 29.4	9.999391
Bayreuth (Haus d. Erziehung)	354	+49 56 46	− 0 46 18.4	− 7.61	+49 45 20	9.999170
Belgrad	250	+44 48 8	− 1 22 3.8	− 13.48	+44 36 32	9.999294
Bergedorf Mer.-Kr.	41	+53 28 46.9	− 0 40 57.74	− 6.73	+53 17 40.8	9.999060
Berkeley	94	+37 52 23.5	+ 8 9 2.91	+ 80.34	+37 41 9.8	9.999458
Berlin-Babelsberg[6]	82	+52 24 24.2	− 0 52 25.49	− 8.61	+52 13 11.1	9.999089
Berlin (Urania)[7]	47	+52 31 30.7	− 0 53 27.40	− 8.78	+52 20 18.3	9.999084
Bern	573	+46 57 8.7	− 0 29 45.55	− 4.89	+46 45 34.5	9.999261
Besançon	312	+47 14 59.0	− 0 23 57.1	− 3.93	+47 3 25.3	9.999236
Blaca	280	+43 17 37	− 1 6 8.0	− 10.86	+43 6 3	9.999334
Bloemfontein Filiale Obs. Univ. Michig.	1490	−29 5 45	− 1 44 57	− 17.24	−28 55 55	9.999758
Bloemfontein Boyden Stat. d. Harv. Obs.	1379	−29 12	− 1 45 57	− 17.40	−29 2	9.999748
Bogota	2640	+ 4 35 55.2	+ 4 56 19.51	+ 48.68	+ 4 34 4.4	0.000111
Bologna Zentr. d. Sternw.	84	+44 29 52.8	− 0 45 24.48	− 7.46	+44 18 17.3	9.999290
Bombay (Colaba)	19	+18 53 36.2	− 4 51 15.60	− 47.85	+18 46 31.1	9.999849
Bonn Zentr. d. Sternw.	62	+50 43 45.0	− 0 28 23.18	− 4.66	+50 32 22.7	9.999130
Bordeaux (Floirac)	73	+44 50 7.2	+ 0 2 6.56	+ 0.35	+44 38 31.6	9.999281
Boston (University)[8]	31	+42 20 58	+ 4 44 19.1	+ 46.71	+42 9 25.6	9.999341
Bothkamp[9]	32	+54 12 9.6	− 0 40 31.2	− 6.65	+54 1 8.8	9.999042
Breslau Zentr. d. Sternw.	147	+51 6 56.5	− 1 8 8.72	− 11.19	+50 55 36.1	9.999126
Breslau Neue Sternw.[10]	117	+51 6 42.1	− 1 8 21.22	− 11.23	+50 55 21.7	9.999130
Brisbane	51	−27 28 23.0	−10 12 6.48	−100.55	−27 18 54.6	9.999694
Brüssel (Alte Sternw.) Pass. Instr.	56	+50 51 10.7	− 0 17 28.71	− 2.87	+50 39 49.0	9.999126
Brüssel (Uccle) Mer.-Kr.	105	+50 47 54.6	− 0 17 26.05	− 2.86	+50 36 32.7	9.999131
Budapest Univ.-Sternw.	110	+47 29 34.7	− 1 16 15.4	− 12.53	+47 18 1.5	9.999215
Budapest-Svábhegy	474	+47 29 58.5	− 1 15 51.47	− 12.46	+47 18 25.3	9.999240

[1]) Dudley Observatory, seit Juni 1893. Alte Sternwarte 37″.0 nördlich, 7s.10 östlich. — [2]) Alte Sternwarte 3″.8 südlich, 8s östlich. — [3]) Seit Oktober 1872, früher in Florenz. — [4]) 1927 geschlossen und nach Bloemfontein verlegt. — [5]) J. Comas Solá. — [6]) Die Koordinaten beziehen sich auf die Mitte der großen Kuppel, in der der große Refraktor aufgestellt ist. Die frühere Sternwarte in Berlin (seit 1835) lag 5′ 52″.5 nördlich und 1m 9s.31 östlich. — [7]) Übungssternwarte der Universität. — [8]) Die alte Sternwarte lag 4s.1 östlich, 34″.5 nördlich. — [9]) Herr von Bülow. — [10]) Geogr. Breite des Vertikalkreises, Länge des Durchgangsinstruments.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
		° ′ ″	h m s	s	° ′ ″	
Budapest[1])	110	+47 28 49	−1 16 13.7	−12.53	+47 17 16	9.999215
Bukarest (Mil. Geogr. Inst.)	85	+44 24 34.2	−1 44 27.01	−17.16	+44 12 58.7	9.999292
Cambridge Engl. . .	28	+52 12 51.6	−0 0 22.75	− 0.06	+52 1 37.3	9.999090
Cambridge Mass.[2]) . .	24	+42 22 47.6	+4 44 31.05	+46.74	+42 11 15.1	9.999340
Cap d. gut. Hoffnung	10	−33 56 6.8	−1 13 54.60	−12.14	−33 45 23.2	9.999547
Caracas (Observ. Cajigal) .	1042	+10 30 24.3	+4 27 42.61	+43.98	+10 26 15.6	0.000023
Castel Gandolfo . .	—	+41 44 48	−0 50 36.4	− 8.31	+41 33 17	9.999354
Catania.	47	+37 30 13.3	−1 0 20.60	− 9.91	+37 19 1.9	9.999466
Charkow	139	+50 0 9.9	−2 24 55.72	−23.81	+49 48 44.4	9.999153
Charlottenburg, Techn. Hochsch.	60	+52 30 48.7	−0 53 20.5	− 8.76	+52 19 36.2	9.999085
Charlottesville[3]) . . .	259	+38 2 1.2	+5 14 5.33	+51.60	+37 50 46.5	9.999464
Christiania (Oslo) Mer.-Kr.	25	+59 54 43.7	−0 42 53.51	− 7.04	+59 44 39.2	9.998908
Cincinnati (Alte Sternw.) .	—	+39 6 26.5	+5 37 59.09	+55.52	+38 55 6.0	9.999421
Cincinnati (Neue Sternw.)[4])	247	+39 8 19.8	+5 37 41.40	+55.47	+38 56 59.1	9.999437
Cleveland (Case Obs.) . .	215	+41 30 14.5	+5 26 25.86	+53.63	+41 18 44.3	9.999375
Coimbra	99	+40 12 24.5	+0 33 43.1	+ 5.54	+40 0 58.9	9.999400
Columbia Missouri[5]) .	225	+38 56 12	+6 9 18.37	+60.67	+38 44 52.3	9.999442
Cordoba	434	−31 25 15.5	+4 16 47.16	+42.18	−31 14 57.5	9.999635
Danzig (Naturf. Ges.) . .	30	+54 21 18.0	−1 14 39.6	−12.26	+54 10 18.4	9.999036
Danzig (Städt. Sternw.) .	30	+54 21 37.9	−1 14 36.5	−12.26	+54 10 38.3	9.999036
Delaware (Perkins Obs.) .	270	+40 15 4	+5 32 13.33	+54.58	+40 3 38	9.999410
Denver[6])	1644	+39 40 36.4	+6 59 47.72	+68.96	+39 29 13.1	9.999519
Dorpat (Tartu, Jurjew) Mer.-Kr. .	67	+58 22 47.2	−1 46 53.18	−17.56	+58 12 25.1	9.998946
Dresden (Geodät. Inst.) .	168	+51 1 49.3	−0 54 55.1	− 9.02	+50 50 28.5	9.999130
Dresden (Mathem. Salon) .	—	+51 3 14.7	−0 54 55.83	− 9.02	+50 51 54.0	9.999117
Dublin (Dunsink Obs.) . .	86	+53 23 13.1	+0 25 21.1	+ 4.17	+53 12 6.4	9.999065
Düsseldorf (Bilk) . . .	46	+51 12 25.0	−0 27 2.69	− 4.44	+51 1 5.1	9.999117
Dunlap Obs. (Toronto) .	244	+43 51 46	+5 17 41.3	+52.19	+43 40 11	9.999317
Durban	79	−29 50 46.6	−2 4 1.18	−20.37	−29 40 47.0	9.999645
Durham	108	+54 46 6.2	+0 6 19.75	+ 1.04	+54 35 9.8	9.999033
Edinburgh	146	+55 55 30	+0 12 44.1	+ 2.09	+55 44 43.5	9.999008
Edinburgh (Blackf. Hill) .	134	+55 55 28.0	+0 12 44.0	+ 2.09	+55 44 41.5	9.999007
Evanston (Dearborn Obs.)	175	+42 3 33.4	+5 50 42.3	+57.61	+41 52 1.6	9.999358
Faenza (Urania Lamonia) .	45	+44 17 2	−0 47 33.9	− 7.81	+44 5 27	9.999293
Flagstaff (Lowell Obs.) .	2210	+35 12 30.5	+7 26 44.6	+73.39	+35 1 35.8	9.999667
Florenz (Alte Sternw.)[7]) .	73	+43 46 4.1	−0 44 59.6	− 7.39	+43 34 29.2	9.999308
Florenz (Mil. Geogr. Inst.)	72	+43 46 49.4	−0 45 2.5	− 7.40	+43 35 14.5	9.999308
Frankfurt a. M. . . .	121	+50 7 0	−0 34 36.3	− 5.70	+49 55 34.6	9.999149
Genf Mer.-Kr.	406	+46 11 59.3	−0 24 36.53	− 4.04	+46 0 24.1	9.999269
Genua (Mar. Sternw.) Mer.-Kr. . .	108	+44 25 8.1	−0 35 41.28	− 5.86	+44 13 32.6	9.999294
Georgetown D. C. . .	62	+38 54 26.2	+5 8 18.33	+50.65	+38 43 6.7	9.999430
Glasgow Schottl. . .	55	+55 52 42.1	+0 17 10.55	+ 2.82	+55 41 55.2	9.999003

[1]) Observ. der Kgl. Josef-Technischen Hochschule. — [2]) Harvard College Observatory. — [3]) Leander Mc. Cormick Observatory, University of Virginia. — [4]) Mount Lookout seit 1873. — [5]) Laws Observatory. — [6]) University Park, Chamberlin Observatory. — [7]) 1872 nach Arcetri verlegt.

Koordinaten der Sternwarten

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Göttingen Mer.-Kr.	161	+51 31 48.2	−0 39 46.22	− 6.53	+51 20 30.0	9.999117
Gotha (Neue Sternw.)[1] Zentr. d. St.	322	+50 56 37.9	−0 42 50.51	− 7.04	+50 45 16.7	9.999142
Graz	375	+47 4 37.2	−1 1 47.71	−10.15	+46 53 3.2	9.999244
Greenwich Transit Circle	47	+51 28 38.2	0 0 0.00	0.00	+51 17 19.7	9.999110
Groningen	4	+53 13 13.8	−0 26 15.11	− 4.31	+53 2 6.0	9.999064
Grünwald[2]	599	+48 2 7	−0 46 6.55	− 7.58	+47 50 35	9.999235
Hamburg (Alte Sternw.)[3] Mer.-Kr.	25	+53 33 6.0	−0 39 53.60	− 6.55	+53 22 0.4	9.999057
Hamburg (D. Seewarte)	30	+53 32 51.8	−0 39 53.42	− 6.55	+53 21 46.2	9.999058
Hannover N. H.	183	+43 42 15.3	+4 49 8.00	+47.50	+43 30 40.5	9.999317
Haverford	116	+40 0 40.1	+5 1 12.7	+49.48	+39 49 15.4	9.999406
Heidelberg (Wolfs Sternw.)	126	+49 24 35	−0 34 48.4	− 5.72	+49 13 7	9.999159
Heidelberg (Königst.) Mer.-Kr.	570	+49 23 54.6	−0 34 53.13	− 5.73	+49 12 26.8	9.999198
Helsingfors Mer.-Kr.	33	+60 9 42.3	−1 39 49.10	−16.40	+59 59 40.8	9.998903
Helwan	115	+29 51 31.1	−2 5 21.77	−20.59	+29 41 31.4	9.999648
Herrsching (München)	534	+47 59 55	−0 44 43.6	− 7.35	+47 48 23	9.999231
Hongkong	33	+22 18 13.2	−7 36 41.25	−75.02	+22 10 5.8	9.999793
Hyderabad-Deccan[4]	554	+17 25 54.3	−5 13 48.98	−51.55	+17 19 17.7	9.999907
Innsbruck	605	+47 16 6.5	−0 45 31.42	− 7.48	+47 4 32.8	9.999254
Istanbul (Univ. Sternw.)	65	+41 0 45	−1 55 52	−19.03	+40 49 16	9.999377
Jena (Univers.) Zentr. d. St.	164	+50 55 35.6	−0 46 20.22	− 7.61	+50 44 14.3	9.999131
Jena (Winkler)	174	+50 56 15.7	−0 46 20.73	− 7.61	+50 44 54.5	9.999132
Johannesburg	1786	−26 10 52.1	−1 52 17.9	−18.45	−26 1 42.0	9.999839
Johannesburg (Fil. d. Yale Observ.)	1741	−26 11 14	−1 52 7	−18.42	−26 2 4	9.999836
Kairo	—	+30 4 38.2	−2 5 8.80	−20.56	+29 54 35.8	9.999635
Kalocsa[5]	102	+46 31 42.4	−1 15 54.34	−12.47	+46 20 7.6	9.999239
Karlsruhe[6]	110	+49 0 29.6	−0 33 35.40	− 5.52	+48 49 0.4	9.999177
Kasan (Univers.)	79	+55 47 24.3	−3 16 29.03	−32.28	+55 36 36.6	9.999007
Kasan (Engelhardt)	98	+55 50 20.5	−3 15 15.74	−32.08	+55 39 33.2	9.999007
Kew	10	+51 28 6	+0 1 15.1	+ 0.21	+51 16 47.5	9.999108
Kiel Neuer Mer.-Kr.	52	+54 20 27.6	−0 40 35.45	− 6.67	+54 9 27.9	9.999040
Kiel Alter Mer.-Kr.	47	+54 20 28.5	−0 40 35.57	− 6.67	+54 9 28.8	9.999040
Kiew Mer.-Kr.	184	+50 27 11.8	−2 2 0.56	−20.04	+50 15 48.3	9.999145
Kitab	658	+39 8 1.7	−4 27 31.7	−43.95	+38 56 41.0	9.999465
Kodaikanal	2343	+10 13 50	−5 9 52.0	−50.94	+10 9 47.6	0.000114
Königsberg Reps. Mer.-Kr.[7]	22	+54 42 50.6	−1 21 58.98	−13.47	+54 31 53.8	9.999029
Konstanz[8]	420	+47 39 43.6	−0 36 42.01	− 6.03	+47 28 10.7	9.999232
Kopenhagen (Neue Sternw.)[9]	14	+55 41 12.6	−0 50 18.69	− 8.26	+55 30 24.0	9.999005
Kopenhagen (Urania-Sternw.)	10	+55 41 19.2	−0 50 9.11	− 8.24	+55 30 30.6	9.999005
Krakau Mer.-Kr.	221	+50 3 51.9	−1 19 50.28	−13.11	+49 52 26.7	9.999158
Kremsmünster Mer.-Kr.	384	+48 3 23.1	−0 56 31.58	− 9.28	+47 51 51.1	9.999219

[1]) Seit 1857, früher Seeberg. — [2]) Privatsternwarte von Ph. Fauth. — [3]) 1909 nach Bergedorf verlegt. — [4]) Nizamiah Observatory. — [5]) Ezbischöfl. Haynaldsce Sternwarte. — [6]) 1896 nach Heidelberg verlegt. — [7]) Nach 1898, vor 1898 $0^{s}01$ westlich. — [8]) Privatsternwarte von E. Leiner. — [9]) Seit 1861 Nov. 11. Alte Sternwarte $20''3$ südlich, $0^{s}03$ westlich.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich — östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Kyoto (Astron. Inst.)	55	+35 1 37.1	−9 3 7.0	−89.22	+34 50 43.9	9.999525
Kyoto (Kwasan Observ.)	220	+34 59 40.3	−9 3 10.24	−89.23	+34 48 47.4	9.999537
Ladd Observ. (Providence)	69	+41 50 15.6	+4 45 35.95	+46.92	+41 38 44.4	9.999357
La Plata Mer.-Kr. Gautier	17	−34 54 30.3	+3 51 43.74	+38.07	−34 43 38.1	9.999525
Leiden (Neue Sternw.) Mer.-Kr. [1]	6	+52 9 19.8	−0 17 56.15	− 2.94	+51 58 5.2	9.999090
Leipzig (Neue Sternw.) Zentr. [2]	119	+51 20 5.9	−0 49 33.93	− 8.14	+51 8 46.7	9.999119
Lembang (Bosscha St.)	1300	− 6 49 29.1	−7 10 27.81	−70.71	− 6 46 45.5	0.000068
Lemberg (Univ.-Sternwarte)	330	+49 49 57.6	−1 36 7.13	−15.79	+49 38 31.4	9.999171
Lemberg (Techn. Hochsch.) Pass. Instr.	340	+49 50 11.2	−1 36 3.40	−15.78	+49 38 45.0	9.999171
Leningrad (Petersburg) (Akad.)	20	+59 56 29.7	−2 1 13.35	−19.91	+59 46 25.5	9.998907
Leningrad (Petersburg) (Univers.)	4	+59 56 32.0	−2 1 11.3	−19.91	+59 46 27.8	9.998906
Lissabon (Tapada)	94	+38 42 30.5	+0 36 44.68	+ 6.04	+38 31 12.0	9.999437
Lissabon (Mar. Sternw.)	—	+38 42 17.6	+0 36 33.6	+ 6.01	+38 30 59.2	9.999431
Liverpool (Neue Sternw.)[3]	62	+53 24 4.8	+0 12 17.33	+ 2.02	+53 12 58.2	9.999063
London (Mill Hill) (Obs. of Univ.)	82	+51 36 46.3	+0 0 57.77	+ 0.16	+51 25 28.6	9.999109
Lourenço Marques	60	−25 58 5.5	−2 10 22.63	−21.42	−25 48 58.9	9.999725
Lübeck (Navig.-Sch.)	19	+53 51 31.1	−0 42 45.6	− 7.02	+53 40 27.8	9.999049
Lund Zentr. d. Sternw.	34	+55 41 51.6	−0 52 44.97	− 8.66	+55 31 3.1	9.999006
Lüttich Ougrée	128	+50 37 6	−0 22 12	− 3.65	+50 25 43	9.999137
Lyon	299	+45 41 40.8	−0 19 8.5	− 3.14	+45 30 5.3	9.999274
Madison (Washburn Observ.)	292	+43 4 36.8	+5 57 37.90	+58.75	+42 53 2.9	9.999340
Madras	7	+13 4 8.0	−5 20 59.65	−52.73	+12 59 2.5	9.999926
Madrid Zentr. d. Sternw.	656	+40 24 30.1	+0 14 45.09	+ 2.43	+40 13 3.7	9.999433
Mailand, Brera	120	+45 27 59.2	−0 36 45.89	− 6.04	+45 16 23.6	9.999268
Manila	3	+14 35 25	−8 3 50	−79.48	+14 29 47	9.999908
Mannheim Zentr. d. Sternw.	98	+49 29 11.0	−0 33 50.42	− 5.56	+49 17 43.5	9.999164
Marburg	248	+50 48 46.9	−0 35 4.9	− 5.76	+50 37 25.0	9.999141
Mare Island Calif.	18	+38 5 55.8	+8 9 5.63	+80.35	+37 54 40.8	9.999447
Markree (Col. Cooper)	45	+54 10 31.7	+0 33 48.4	+ 5.56	+53 59 30.7	9.999043
Marseille (Neue Sternw.) Mer.-Kr. [4]	75	+43 18 19.1	−0 21 34.56	− 3.54	+43 6 44.8	9.999320
McDonald Observatory (Fort Davis)	2070	+30 40 13	+6 56 6.3	+68.36	+30 30 4	9.999763
McMath-Hulbert Obs. (Lake Angelus)	296	+42 39 47.7	+5 33 3.3	+54.71	+42 28 14.5	9.999351
Melbourne	28	−37 49 53.4	−9 39 54.17	−95.26	−37 38 39.9	9.999454
Merate (Filiale v. Mailand, Brera)	380	+45 41 54.1	−0 37 42.85	− 6.20	+45 30 18.6	9.999279
Meudon	162	+48 48 18	−0 8 55.5	− 1.46	+48 36 48	9.999185
Middletown, Conn.	70	+41 33 18	+4 50 38.2	+47.74	+41 21 47.6	9.999364
Mizusawa	61	+39 8 3.4	−9 24 31.46	−92.74	+38 56 42.7	9.999424
Modena	63	+44 38 52.8	−0 43 42.8	− 7.18	+44 27 17.2	9.999285
Montreal	57	+45 30 20	+4 54 18.63	+48.35	+45 18 44.4	9.999263
Mt. Hamilton (Lick Obs.) Mer.-Kr.	1283	+37 20 25.3	+8 6 34.86	+79.94	+37 9 14.9	9.999552
Mt. Wilson, Calif.	1742	+34 12 59.5	+7 52 14.33	+77.57	+34 2 13.3	9.999659

[1]) Seit 1860. Alte Sternwarte 8″.0 nördlich, 0ˢ.42 östlich. — [2]) Seit 1861. Alte Sternwarte 14″.2 nördlich, 4ˢ.00 westlich. — [3]) Alte Sternwarte 44″.0 nördlich, 17ˢ.1 östlich. — [4]) Seit 1866. Alte Sternwarte 30″.1 südlich, 6ˢ.2 westlich; Seehöhe 29ᵐ.

Koordinaten der Sternwarten

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Moskau Mer.-Kr. . . .	142	+55 45 19.5	−2 30 17.03	−24.69	+55 34 31.5	9.999012
Mundenheim[1] . . .	—	+49 27 30	−0 33 44	− 5.54	+49 16 2	9.999158
München (West-Kuppel) .	529	+48 8 45.5	−0 46 26.02	− 7.63	+47 57 13.8	9.999227
Münster	75	+51 57 45.8	−0 30 29.66	− 5.01	+51 46 30.0	9.999100
Nashville (Vanderbilt Obs.)	174	+36 8 58.2	+5 47 12.81	+57.04	+35 57 56.1	9.999506
Neapel (Capo di Monte) .	154	+40 51 45.7	−0 57 1.40	− 9.37	+40 40 17.6	9.999387
Neuchâtel Refraktor . .	488	+46 59 49.5	−0 27 49.77	− 4.57	+46 48 15.4	9.999254
New Haven (Neue Stw.)[2]	40	+41 19 22.3	+4 51 40.58	+47.92	+41 7 52.7	9.999368
New York (Rutherfurd) .	—	+40 43 48.5	+4 55 56.66	+48.62	+40 32 20.9	9.999380
New York (Columb. Obs.)	—	+40 45 23.1	+4 55 53.73	+48.61	+40 33 55.4	9.999379
Nikolajew Mer.-Kr. . .	55	+46 58 19.3	−2 7 53.98	−21.01	+46 46 45.1	9.999225
Nizza Kl. Mer.-Kr.[3] . .	378	+43 43 16.9	−0 29 12.15	− 4.79	+43 31 42.0	9.999330
Northfield (Goodsell Obs.)	290	+44 27 41.4	+6 12 35.94	+61.21	+44 16 5.9	9.999305
Oakland Californ.[4] .	99	+37 47	+8 8 48	+80.30	+37 35 47	9.999460
Oak Ridge (Filiale d. Harvard Obs.)	183	+42 30 13	+4 46 14.2	+47.02	+42 18 40	9.999347
Odessa (Univ.-Stw.) Mer.-Kr.	55	+46 28 36.2	−2 3 2.05	−20.21	+46 17 1.3	9.999237
Odessa (Filiale Pulkowa) .	—	+46 28 36.0	−2 3 2.19	−20.21	+46 17 1.1	9.999234
Oslo (Christiania) Mer.-Kr..	25	+59 54 43.7	−0 42 53.51	− 7.04	+59 44 39.2	9.998908
Ottawa Mer.-Kr. . . .	85	+45 23 39.1	+5 2 51.98	+49.75	+45 12 3.5	9.999267
Oxford (Radcl. Obs.) . .	65	+51 45 33.9	+0 5 3.0	+ 0.83	+51 34 17.0	9.999104
Oxford (Univers.) . . .	64	+51 45 34.2	+0 5 0.4	+ 0.82	+51 34 17.3	9.999104
Oxford, Mississippi . .	140	+34 22 12.6	+5 58 7.18	+58.83	+34 11 25.1	9.999546
Padua	38	+45 24 1.2	−0 47 29.15	− 7.80	+45 12 25.6	9.999263
Palermo	72	+38 6 44.0	−0 53 25.87	− 8.78	+37 55 28.9	9.999451
Paris (Obs. nat.) Mer. Cassini	59	+48 50 11.2	−0 9 20.93	− 1.53	+48 38 41.5	9.999177
Paris (Montsouris) westl. Mer.	—	+48 49 18.0	−0 9 20.6	− 1.53	+48 37 48.2	9.999174
Peking	—	+39 54 23.0	−7 45 52.87	−76.53	+39 42 58.7	9.999401
Perkins Obs. (Delaware)	270	+40 15 4	+5 32 13.33	+54.58	+40 3 38	9.999410
Perth, West-Austr. . .	60	−31 57 10.7	−7 43 21.62	−76.12	−31 46 46.9	9.999597
Petersburg (Leningrad) (Akademie) .	20	+59 56 29.7	−2 1 13.35	−19.91	+59 46 25.5	9.998907
Petersburg (Leningrad) (Univers.) .	4	+59 56 32.0	−2 1 11.3	−19.91	+59 46 27.8	9.998906
Philadelphia[5]	74	+39 58 2.1	+5 1 6.88	+49.47	+39 46 37.5	9.999404
Pic du Midi (Filiale v.) (Toulouse) .	2850	+42 56 31.5	−0 0 34.29	− 0.09	+42 44 57.8	9.999518
Plonsk[6]	—	+52 37 40.0	−1 21 31.9	−13.39	+52 26 28.2	9.999078
Pola	32	+44 51 48.6	−0 55 23.07	− 9.10	+44 40 12.9	9.999277
Porto Alegre[7] Mer.-Kr..	—	−30 1 51	+3 24 53.2	+33.66	−29 51 49	9.999636
Posen	85	+52 23 48.6	−1 7 30.60	−11.09	+52 12 35.4	9.999090

[1]) Dr. Max Mündler. — [2]) Yale University. Alte Sternwarte 45″.8 südlich, 1s.58 westlich. — [3]) Herr R. Bischofsheim. — [4]) Chabot Observatory. — [5]) Flower Obs. (Univ. of Pennsylvania). — [6]) Dr. Jedrzejewicz; 1898 nach Warschau verlegt. — [7]) Observatorio Regional do Rio Grande do Sul.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Potsdam (Astrophys. Obs.).	97	+52 22 56.0	− 0 52 15.86	− 8.58	+52 11 42.7	9.999091
Potsdam (Geod. Inst.) Turm	99	+52 22 54.8	− 0 52 16.11	− 8.58	+52 11 41.5	9.999091
Poughkeepsie[1]) . . .	61	+41 41 18	+ 4 55 35.2	+48.56	+41 29 47	9.999360
Prag (Univ.-Stw.) Turm . .	197	+50 5 16.0	− 0 57 40.29	− 9.47	+49 53 50.9	9.999155
Prag (Safarik)	—	+50 4 24	− 0 57 48	− 9.49	+49 52 59	9.999142
Princeton N. J. (N.Stw.)[2])	75	+40 20 55.8	+ 4 58 39.44	+49.06	+40 9 29.7	9.999395
Providence (Ladd. Observ.)	69	+41 50 15.6	+ 4 45 35.95	+46.92	+41 38 44.4	9.999357
Pulkowa Zentr. d. Stw. .	75	+59 46 18.5	− 2 1 18.57	−19.93	+59 36 12.3	9.998914
Pulsnitz[9])	284	+51 10 54.6	− 0 56 4.18	− 9.21	+50 59 34.6	9.999134
Quebec Canada . . .	90	+46 47 59.2	+ 4 44 52.71	+46.80	+46 36 24.8	9.999231
Quito	2846	− 0 14 0	+ 5 13 58.20	+51.58	− 0 13 54	0.000194
Riga (Polytechnikum) Turm	—	+56 57 7	− 1 36 28.11	−15.84	+56 46 30	9.998974
Rio de Janeiro. . . .	63	−22 54 23.7	+ 2 52 41.52	+28.37	−22 46 6.0	9.999784
Rio de Janeiro (N. Stw.)	33	−22 53 42.1	+ 2 52 53.6	+28.40	−22 45 24.7	9.999782
Rom (Coll. Rom.) Mer.-Kr.	59	+41 53 53.6	− 0 49 55.36	− 8.19	+41 42 22.3	9.999354
Rom (Capitol) Mer.-Kr. . .	65	+41 53 33.2	− 0 49 56.34	− 8.20	+41 42 1.9	9.999355
Rom (Vatican) Mer.-Kr. [8])	100	+41 54 12.4	− 0 49 48.26	− 8.18	+41 42 41.1	9.999357
Rousdon	157	+50 42 38	+ 0 11 58.9	+ 1.96	+50 31 16	9.999137
Rugby	119	+52 22 30	+ 0 5 2.0	+ 0.83	+52 11 16.7	9.999093
St. Louis Missouri . .	—	+38 38 3.6	+ 6 0 49.15	+59.28	+38 26 45.5	9.999433
Saltsjöbaden (Stockholms Observator.)	55	+59 16 18	− 1 13 14	−12.03	+59 6 6	9.998924
San Fernando	30	+36 27 42.0	+ 0 24 49.30	+ 4.08	+36 16 37.7	9.999488
San Francisco[3]) . . .	—	+37 47 28.0	+ 8 9 42.81	+80.45	+37 36 14.8	9.999453
Santiago de Chile (N. St.)	580	−33 33 44.2	+ 4 42 46.0	+46.44	−33 23 4.1	9.999595
Santiago de Chile (A. St.)	619	−33 26 25.4	+ 4 42 36.9	+46.42	−33 15 46.4	9.999600
Sétif	1120	+36 11 10	− 0 21 38.6	− 3.55	+36 0 7.7	9.999569
Simeïs	360	+44 24 11.6	− 2 15 59.38	−22.34	+44 12 36.1	9.999312
Sofia (Mil. Geogr. Jnst.). .	555	+42 41 51	− 1 33 19.87	−15.33	+42 30 18	9.999368
Sofia (Universitätssternwarte)	572	+42 41 1.7	− 1 33 23.3	−15.34	+42 29 28.5	9.999369
Sonneberg (Hoffmeister) .	405	+50 21 29.5	− 0 44 42.87	− 7.34	+50 10 5.5	9.999163
Sonneberg (Erbisbühl). .	640	+50 22 41.4	− 0 44 46.19	− 7.36	+50 11 17.5	9.999178
South Hadley	76	+42 15 18.2	+ 4 50 19	+47.69	+42 3 45.9	9.999346
Stalinabad (Tadjik Observ.)	—	+38 33 30	− 4 35 6.2	−45.19	+38 22 12	9.999434
Stará Dala[4])	113	+47 52 27.3	− 1 12 45.49	−11.95	+47 40 54.9	9.999206
Stockholm (Alte St.) M.-Kr.[5])	44	+59 20 32.7	− 1 12 13.97	−11.86	+59 10 21.4	9.998922
Stonyhurst	116	+53 50 40.0	+ 0 9 52.7	+ 1.62	+53 39 36.5	9.999056
Straßburg (N.St.). M.-Kr.[6])	144	+48 35 0.4	− 0 31 4.53	− 5.10	+48 23 29.9	9.999190
Stuttgart (Schwäb.Sternw.)	344	+48 47 0.7	− 0 36 47.39	− 6.04	+48 35 30.8	9.999198
Swarthmore (Sproul Obs.) Refraktor	63	+39 54 16.2	+ 5 1 25.62	+49.52	+39 42 51.9	9.999405
Sydney	44	−33 51 41.1	−10 4 49.54	−99.36	−33 40 58.2	9.999551
Sydney (Riverview Coll. Obs.)	42	−33 49 45.7	−10 4 37.99	−99.33	−33 39 3.1	9.999552
Tacubaya[7])	2311	+19 24 17.9	+ 6 36 46.71	+65.18	+19 17 3.0	9.999997
Tartu (Dorpat, Jurjew) Mer.-Kr.	67	+58 22 47.2	− 1 46 53.19	−17.56	+58 12 25.1	9.998946
Taschkent Mer.-Kr. . . .	475	+41 19 31.6	− 4 37 10.88	−45.53	+41 8 2.0	9.999397

[1]) Vassar College. — [2]) Alte Sternwarte 2′.0 nördlich, 1s.94 östlich; 65m. — [3]) Davidson Observatory. — [4]) Früher O-Gyalla. — [5]) Neue Sternwarte seit 1931 in Saltsjöbaden. — [6]) Seit Anfang 1881. — [7]) Seit März 1883, früher in Chapultepec. — [8]) 1933 nach Castel Gandolfo verlegt. — [9]) Privatsternwarte des Herrn Classen.

Koordinaten der Sternwarten

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich — östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Teramo (Cerulli)	398	+42 39 27	— 0 54 55.8	— 9.02	+42 27 54	9.999358
Tokio Mer.-Kr.	57	+35 40 19	— 9 18 9.90	— 91.69	+35 29 21	9.999509
Toronto (Univ. Obs.) . .	110	+43 39 46.0	+ 5 17 34.70	+ 52.17	+43 28 11.2	9.999313
Toronto (Dunlap Obs.) . .	244	+43 51 46	+ 5 17 41.3	+ 52.19	+43 40 11	9.999317
Tortosa (Ebro-Stw.) M.-Kr.	54	+40 49 14	— 0 1 58	— 0.32	+40 37 46	9.999382
Toulouse Mer.-Kr. . . .	195	+43 36 44.0	— 0 5 51.01	— 0.96	+43 25 9.3	9.999329
Triest (R. Oss. Astr.) . . .	68	+45 38 35.5	— 0 55 4.92	— 9.05	+45 27 0.0	9.999259
Tsingtau (Met.-astr. Stat.).	—	+36 4 11.3	— 8 1 16.21	— 79.06	+35 53 9.8	9.999496
Tucson Arizona (Steward Obs.) .	757	+32 13 59.4	+ 7 23 47.68	+ 72.90	+32 3 32.6	9.999638
Turin Mer.-Kr.	276	+45 4 7.9	— 0 30 47.15	— 5.06	+44 52 32.2	9.999288
Turin (Pino Torinese) .	618	+45 2 16.3	— 0 31 6.52	— 5.11	+44 50 40.6	9.999312
Turku (Spiegelteleskop). .	28	+60 27 8.7	— 1 28 55.03	— 14.61	+60 17 10.7	9.998896
Upsala (N. Stw.) Pass.-Instr.	21	+59 51 29.4	— 1 10 30.13	— 11.58	+59 41 24.2	9.998909
Urbana Jll.	236	+40 6 20.2	+ 5 52 53.90	+ 57.97	+39 54 55.1	9.999412
Utrecht.	12	+52 5 9.5	— 0 20 31.6	— 3.37	+51 53 54.4	9.999093
Valkenburg (Ignatius Coll.)	100	+50 52 29.3	— 0 23 19.91	— 3.83	+50 41 7.8	9.999129
Venedig	15	+45 26 10.5	— 0 49 22.12	— 8.11	+45 14 34.9	9.999261
Victoria B.C. (Dominion Obs.)	229	+48 31 15.7	+ 8 13 40.17	+ 81.18	+48 19 45.0	9.999197
Warschau[1]) Zentr. d. Stw.	121	+52 13 4.6	— 1 24 7.25	— 13.82	+52 1 50.3	9.999097
Warschau[2])	—	+52 13 10	— 1 24 4.8	— 13.81	+52 1 56	9.999088
Warschau (Techn.Hochsch.)	144	+52 13 21.0	— 1 24 2.4	— 13.81	+52 2 6.8	9.999098
Washington (Alte Stw.) .	31	+38 53 38.9	+ 5 8 12.13	+ 50.63	+38 42 19.4	9.999428
Washington (Neue Stw.) .	82	+38 55 14.0	+ 5 8 15.78	+ 50.64	+38 43 54.4	9.999431
Washington (Kath. Univ.)	—	+38 56 14.8	+ 5 8 0.0	+ 50.60	+38 44 55.1	9.999425
Wellington Transit Instr.[3])	127	—41 17 3.8	—11 39 4.27	—114.84	—41 5 34.3	9.999375
West Point N. Y. (N. Stw.)[4])	170	+41 23 22.1	+ 4 55 50.6	+ 48.60	+41 11 52.3	9.999375
Wien (Alte Sternw.) . . .	167	+48 12 35.5	— 1 5 31.61	— 10.76	+48 1 3.9	9.999201
Wien (Josephstadt)[5]) . . .	214	+48 12 53.8	— 1 5 25.17	— 10.74	+48 1 22.2	9.999204
Wien (Neue Sternw.) Zentr.	240	+48 13 55.3	— 1 5 21.35	— 10.73	+48 2 23.8	9.999205
Wien (Ottakring)[6]) . . .	285	+48 12 46.7	— 1 5 10.97	— 10.71	+48 1 15.1	9.999209
Wien (Mil. Geogr. Inst. .	211	+48 12 40.5	— 1 5 26.24	— 10.75	+48 1 8.9	9.999203
Wien (Techn. Hochschule) .	198	+48 11 58.3	— 1 5 29.76	— 10.76	+48 0 26.7	9.999204
Wilhelmshaven Mer.-Kr.	9	+53 31 52.1	— 0 32 35.15	— 5.35	+53 20 46.4	9.999057
Williams-Bay Wisc.[7]) .	334	+42 34 12.6	+ 5 54 13.24	+ 58.19	+42 22 39.6	9.999356
Williamstown Mass. .	213	+42 42 49	+ 4 52 53.5	+ 48.12	+42 31 16	9.999344
Wilna Pass.-Instr. . . .	122	+54 40 59.1	— 1 41 8.76	— 16.61	+54 30 2.1	9.999036
Windhuk	1685	—22 35 26.6	— 1 8 15.07	— 11.21	—22 27 14.3	9.999901
Wolfersdorf	279	+50 47 20.0	— 0 46 50.94	— 7.70	+50 35 58.0	9.999143
Zô-sè China	100	+31 5 47.6	— 8 4 44.75	— 79.63	+30 55 33.2	9.999619
Zürich Meridian-Kreis . .	468	+47 22 38.3	— 0 34 12.3	— 5.62	+47 11 4.8	9.999242

[1]) Universitäts-Sternwarte. — [2]) Dr. Jedrzejewicz; seit 1898, früher in Plonsk. — [3]) Dominion Observatory. — [4]) Seit 1883. Alte Sternwarte 9″ nördlich, 1ˢ2 östlich. — [5]) von Oppolzers Sternwarte. — [6]) v. Kuffner. — [7]) Yerkes Observatory.

Normalzeit = Mittl. Ortszeit des Meridians	Bezeichnung	Staaten
östl. Gr. h m		
11 30	—	Neu Seeland
10 0	Ostaustralische Z.	Victoria, Neu Süd-Wales, Queensland, Tasmanien
9 30	—	Süd-Australien
9 0	—	Japan, Korea
8 0	Ostchinesische Küsten-Z.	Ostküste von China, West-Australien
7 0	Südchinesische Küsten-Z.	Südküste von China, Franz. Indochina, Siam
5 30	—	Indien, Ceylon
4 0	—	Europ. Rußland*) von 40° bis 52° 30′ östl. Länge
3 0	—	Europ. Rußland*) westl. von 40° östl. Länge
2 45	—	Deutsch-Ostafrika
2 0	Osteuropäische Z.	Finnland, Estland, Lettland, Bulgarien, Rumänien, Griechenland, Türkei, Palästina, Ägypten, Süd-Afrika, Deutsch-Südwest-Afrika
1 0	Mitteleuropäische Z. (M. E. Z.)	Norwegen, Schweden, Dänemark, Deutschland, Ungarn, Schweiz, Italien, Litauen, Polen, Protektorat Böhmen u. Mähren, Jugoslavien, Kamerun
0 20	Amsterdamsche Zeit	Niederlande
h m 0 0	Westeuropäische Z. (Greenwich Z.)	Belgien, Frankreich, Großbritannien und Irland, Luxemburg, Portugal, Spanien, Gibraltar, Algerien
westl. Gr. h m		
1 0	—	Island, Madeira, Kanarische Inseln
2 0	—	Azoren, Kap Verdesche Inseln, Grönland-Scoresbysund
3 0	—	Ost-Brasilien, Grönland-Westküste und Angmagsalik, Argentinien (1. Nov.—Ende Febr.), Uruguay (Nov.—März)
3 30	—	Uruguay (April—Okt.)
4 0	Atlantic St. Time	Mittel-Brasilien, Argentinien (1. März—31. Okt.), Canada (Küste), Paraguay, Chile, Bolivien
4 30	—	Venezuela
5 0	Eastern St. Time	Canada (Quebec, Ontario zwisch. 68° u. 90° westl.), Verein. Staat. (Ost-Zone), Panama, Peru, Ecuador, West-Brasilien, Columbien
6 0	Central St. Time	Zentral-Zone von Canada u. v. d. Verein. Staaten, Mexico, mit Ausnahme des nördl. Teiles
7 0	Mountain St. Time	Gebirgszone von Canada u. v. d. Verein. Staaten
8 0	Pacific St. Time	Vereinigte Staaten (Pacifische Küste), Britisch Columbien, nördl. Mexico
10 30	—	Hawaii (Sandwich Inseln)
11 0	—	Alëuten, Samoa

*) Im Gebiet der Sowjet-Republiken sind alle Uhren 1 Stunde vorgestellt.

Besondere Erläuterungen zu den Angaben und zum Gebrauch des Jahrbuchs.

Das Jahrbuch gibt die Örter der *Planeten* in geozentrischen und in heliozentrischen Koordinaten. Die Zeitpunkte, für die sie gelten, sind in Welt-Zeit ausgedrückt, wenn nicht ausdrücklich eine andere Zeit angegeben wird. **Welt-Zeit ist identisch mit Bürgerlicher Zeit Greenwich.** Der bürgerliche Tag beginnt um Mitternacht, die Welt-Zeit-Stunden sind von 0^h bis 24^h durchgezählt. Die Beziehung zu der bis zum Jahrgang 1924 (einschließlich) im Jahrbuch verwendeten Mittleren Zeit Greenwich besteht darin, daß der astronomische mittlere Tag erst am Mittag des bürgerlichen Tages, also 12^h nach dessen Anfang beginnt. Somit ist 1925 Jan. 1, 0^h Welt-Zeit gleich 1924 Dez. 31, 12^h Mittlere Zeit Greenwich.

Die Örter der *Fixsterne* sind gegeben als »Mittlere Sternörter«, bezogen auf das mittlere Äquinoktium des Jahresanfangs, und in Ephemeridenform als »Scheinbare Sternörter«, bezogen auf das instantane wahre Äquinoktium.

Zur Erläuterung ist im einzelnen folgendes zu bemerken:

Sonnenephemeride (S. 2—29 und 100—108).

Der erste Teil der Sonnenephemeride (S. 2—19) gibt auf den linken Seiten für 0^h Welt-Zeit an jedem Tage:

1) Die Zeitgleichung = Wahre Zeit *minus* Mittlere Zeit.

2) Die geozentrischen, äquatorialen Koordinaten α, δ des scheinbaren Sonnenorts, bezogen auf das jedesmalige wahre Äquinoktium, zugleich mit der ersten Differenzenreihe. Diese Angaben sind direkt mit den Beobachtungen vergleichbar. Die Nutationsglieder kurzer Periode sind, wie im Vorwort erwähnt, in den Koordinaten nicht enthalten.

3) Die halbe Durchgangsdauer (in Sternzeit) der Sonnenscheibe durch den Meridian.

4) Den geozentrischen Halbmesser der Sonnenscheibe, d. i. der Winkel, unter dem der Sonnenhalbmesser vom Erdmittelpunkt aus erscheint.

Die rechten Seiten geben:

1) Die Julianische Zeit, d. i. die Anzahl der seit Beginn der Julianischen Periode verflossenen mittleren Sonnentage.

2) Die Sternzeit für 0^h Welt-Zeit. In ihr sind, wie im Vorwort erwähnt, nur die langperiodischen Glieder der Nutation enthalten.

Um für einen Erdort der westlichen Längendifferenz $\Delta\lambda$ (in Stunden) gegen Greenwich die Sternzeit in seiner mittleren Mitternacht zu erhalten, ist zu diesen Angaben hinzuzulegen: $9^s\!.8565\ \Delta\lambda$. Diese Werte finden sich unter der Überschrift: »Korr. der Sternzeit« im Verzeichnis der Sternwarten.

3) Die Nutation in Rektaszension getrennt nach langperiodischen und kurzperiodischen Gliedern.

4) Die geozentrischen ekliptikalen Koordinaten λ, β der Sonne, bezogen auf das mittlere Äquinoktium des Jahresanfangs, sowie die Entfernung R der Erde von der Sonne. Diese Angaben finden bei Bahnberechnungen u. dergl. Verwendung.

5) Die bürgerlichen Ortszeiten des Aufgangs und Untergangs der Sonne für einen Ort des Nullmeridians in $+50°$ Breite; sie sind mit der Horizontalrefraktion $34'$ berechnet und gelten für den oberen Rand der Sonne. Um daraus für einen beliebigen anderen Ort zwischen $+30°$ und $+60°$ geographischer Breite die entsprechenden Angaben zu erhalten, ist die Tabelle S. 372*, 373* zu benutzen.

Auf S. 20—28 folgen, bezogen auf das mittlere Äquinoktium des Jahresanfangs, die rechtwinkligen, geozentrischen, äquatorialen Sonnenkoordinaten für 0^h Welt-Zeit mit ihren ersten und zweiten Differenzen. Die gleichen Koordinaten, jedoch bezogen auf das Normaläquinoktium 1950.0, werden auf S. 100—108 gegeben.

Die Werte von X, Y, Z sind auf 6 Dezimalen gegeben. Die Ephemeriden bieten jedoch die Möglichkeit, die Sonnenkoordinaten auch auf 7 Dezimalen zu entnehmen. Zu diesem Zwecke füge man an die 6-stelligen Werte eine Null an und vereinige sie algebraisch mit den Werten von ΔX, ΔY, ΔZ. Ein ausführliches Beispiel hierfür ist im Jahrgang 1933, S. 362* gegeben.

Die gleichen Vorschriften gelten für die auf das Normaläquinoktium 1950.0 bezogenen Sonnenkoordinaten auf S. 100—108.

Am Fuß der Seite 28 finden sich die Zeiten für die Anfänge der Jahreszeiten und für die Erdnähe und Erdferne der Sonne.

Die Seite 29 enthält die Aberration, Parallaxe, mittlere Länge $L_\odot$ und mittlere Anomalie $M_\odot$ der Sonne im Intervall von je 10 Tagen.

Mondephemeride (S. 30—48).

Die Mondephemeride (S. 30—47) gibt auf den linken Seiten für 0^h Welt-Zeit:

1) Die scheinbare Rektaszension und Deklination des Mondmittelpunktes mit den ersten Differenzen.

2) Die Äquatorial-Horizontalparallaxe $p_☾$ des Mondes.

3) Den geozentrischen Mondhalbmesser $r_☾$, d. i. der Winkel, unter dem der Mondhalbmesser vom Erdmittelpunkt aus erscheint.

4) Die Länge und Breite des Mondes, abgekürzt auf $0°\!.001$.

Die rechten Seiten enthalten:

1) Für den oberen Durchgang des Mondes durch den Meridian von Greenwich die genäherten Angaben für die Rektaszension, Deklination und Parallaxe des Mondmittelpunktes, sowie die bürgerliche Greenwicher Zeit dieses Durchgangs, nebst den Änderungen für 1^h westlicher Längendifferenz.

2) Die bürgerlichen Ortszeiten des Aufgangs und Untergangs des Mondes für einen Ort des Nullmeridians in $+50°$ Breite nebst Änderung für 1^h westlicher Längendifferenz; sie sind mit der Horizontalrefraktion $34'$ berechnet und gelten für den oberen Rand des Mondes. Um daraus für einen beliebigen anderen Ort zwischen $+30°$ und $+60°$ geographischer Breite die entsprechenden Angaben zu erhalten, ist die Tabelle S. 374*, 375* zu benutzen.

Seite 48 enthält die Zeitangaben für die Phasen und die Erdnähe und Erdferne des Mondes.

Ephemeriden der Großen Planeten (S. 49—99 und 109—112).

Die geozentrischen Örter der Planeten sind für Merkur, Venus, Mars, Jupiter, Saturn von Tag zu Tag, für Uranus, Neptun und Pluto von 4 zu 4 Tagen für 0^h Welt-Zeit mit ihren ersten Differenzen gegeben. Für die Planeten Merkur bis Neptun sind scheinbare, auf das momentane wahre Äquinoktium bezogene Örter gegeben. Die Örter von Pluto sind auf das mittlere Äquinoktium 1950.0 bezogen und sind nicht wegen Aberration korrigiert. Zur bequemeren Vergleichung der Beobachtungen mit der Ephemeride sind bei diesem Planeten Fixsternaberration und Lichtzeit in besonderen Spalten angeführt. Die letzte Spalte gibt die bürgerliche Zeit (Greenwich) der oberen Kulmination in Greenwich.

Die Örter von Pluto sind nach den Elementen XIX von E. C. Bower, Lick Observatory Bulletin 437, unter Berücksichtigung der Störungen durch Jupiter, Saturn, Uranus und Neptun berechnet.

Die scheinbaren Halbmesser in der Einheit der Entfernung sind:

Merkur	3.″34	Saturn (äquat.)	83.″33
Venus	8.41	» (polar)	74.57
Mars	4.68	Uranus	34.28
Jupiter (äquat.)	98.47	Neptun	36.56
» (polar)	91.91		

Die heliozentrischen Ephemeriden der Planeten (S. 109—112) geben den Log. des Radiusvector, die Länge, deren Reduktion auf die Bahn und die Breite bezogen auf das mittlere Äquinoktium 1950.0.

☊ und i stellen die Bahnlage für die Epoche 1950.0 und das Normaläquinoktium 1950.0 dar.

Die Genauigkeit und Ausführlichkeit dieser heliozentrischen Angaben sind ihrem Hauptzweck, zur Berechnung der speziellen Störungen zu dienen, angepaßt.

Die beigefügten Werte der Planetenmassen sind die den Tafeln von Newcomb und von Hill zugrunde liegenden. Für die Erde ist

noch besonders zu erwähnen, daß die Masse von »Erde + Mond« gegeben ist, Radiusvector und heliozentrische Länge sich auf den Schwerpunkt des Systems »Erde + Mond« beziehen.

Mittlere Örter von 925 Fixsternen (S. 2*—25*).

Die mittleren Örter der 925 Fixsterne sind aus den Daten der Veröffentlichung Nr. 54 des *Astronomischen Rechen-Instituts* mit den daselbst angegebenen Hilfsgrößen für Präzession und Eigenbewegung abgeleitet worden. Nur die mittleren Örter der 20 Polsterne sind durch trigonometrische Übertragung berechnet. Die jährlichen Veränderungen gelten für die Mitte des Jahres.

Ein * vor dem Namen weist auf eine Anmerkung am Fuß der Seite hin.

Unter Gr. stehen die visuellen Größen, welche aus der »Revised Harvard Photometry« in »Harvard Annals, vol. 50« entnommen sind, sofern nichts anderes bemerkt ist. Wo für einen Stern zwei Größen gegeben sind, beziehen sich diese auf die Komponenten eines Doppelsterns. Die in den Anmerkungen gegebenen Größen für Doppelsternkomponenten und für die Extrema der Veränderlichen sind dem »Henry Draper Catalogue« entnommen.

Die Spektren sind aus dem Draper Katalog übernommen worden. Zusammengesetzte Spektren sind durch + gekennzeichnet. In anderen Fällen beziehen sich, wo 2 Spektren gegeben sind, diese auf die Komponenten eines Doppelsterns.

Scheinbare Örter von 579 Fixsternen (S. 26*—235*).

Die scheinbaren Rektaszensionen und Deklinationen der Fixsterne sind für den Moment der oberen Kulmination im Meridian von Greenwich gegeben.

Die Ephemeriden der 555 Sterne mit Deklinationen kleiner als 80°, deren scheinbare Örter von 10 zu 10 Sterntagen gegeben sind, enthalten die kurzperiodischen Mondglieder der Nutation nicht. Das Datum des Tages, an welchem zwei Kulminationen stattfinden, ist in kleinem Druck vor der Rektaszensionsspalte angeführt.

Die jährliche Parallaxe ist bei folgenden Sternen berücksichtigt, bei denen sie hinreichend verbürgt erscheint, nämlich:

Nr. 59	τ Ceti	mit	0.″315
Nr. 127	ε Eridani	»	0.310
Nr. 257	α Can. maj.	»	0.371
Nr. 291	α Can. min.	»	0.312
Nr. 295	β Geminor.	»	0.101
Nr. 444	β Leonis	»	0.101
Nr. 445	β Virginis	»	0.101
Nr. 470	β Can. ven.	»	0.107
Nr. 492	β Comae	»	0.133
Nr. 538	α Centauri	mit	0.″758
Nr. 667	μ Herculis	»	0.111
Nr. 695	χ Draconis	»	0.118
Nr. 699	α Lyrae	»	0.124
Nr. 745	α Aquilae	»	0.204
Nr. 793	61 Cygni pr.	»	0.300
Nr. 819	δ Capricorni	»	0.114
Nr. 875	Br 3077	»	0.145

Von den im B. J. nicht mit Ephemeriden versehenen Sternen des FK 3 besitzen noch folgende hinreichend verbürgte Parallaxen: Nr. 119 82 G. Eridani 0".161, Nr. 135 δ Eridani 0".137, Nr. 217 γ Leporis 0".149 und Nr. 825 ε Indi 0".281.

Die Ephemeriden der auf S. 2*—24* eingeklammerten Sterne findet man im Almanaque Nautico.

Es folgen die scheinbaren Örter von 20 Polsternen für jede obere Kulmination. Sie enthalten die kurzperiodischen Mondglieder nicht, jedoch sind deren Werte in besonderen Spalten gegeben.

Am Fuße der Ephemeriden ist der mittlere Ort eines jeden Sternes für den Anfang des Jahres und die Werte von sec δ und tg δ angegeben, welche bei der Reduktion der Meridianbeobachtungen nach der hierfür am zweckmäßigsten erscheinenden Besselschen Formel gebraucht werden. Ferner sind hier die Größen a, b, a', b' enthalten, mit deren Hilfe die Nutationsglieder kurzer Periode leicht berechnet werden können. Man erhält $A'a + B'b$ in Zeitsekunden, $A'a' + B'b'$ in Bogensekunden.

Auf den Seiten 226*—235* sind die scheinbaren, rechtwinkligen Koordinaten von vier polnahen Sternen gegeben. Sie beziehen sich auf ein Koordinatensystem, dessen positive x-Achse nach dem Frühlingspunkt und dessen positive y-Achse nach dem Punkt $\alpha = 6^h$, $\delta = 0°$ gerichtet ist. Der Zusammenhang zwischen x, y und α, δ ist gegeben durch die Beziehungen: $x = \cos\delta \cos\alpha$, $y = \cos\delta \sin\alpha$. Die Angaben gelten für 12^h Sternzeit Greenwich und enthalten die kurzperiodischen Mondglieder der Nutation nicht, deren Werte jedoch in der letzten Spalte einer jeden Seite unter der Überschrift »Kurzperiod. Nutationsgl.« gegeben sind.

Als Quellen für die Koordinaten und Eigenbewegungen dieser vier Sterne sind benutzt worden:

für B D + 89° 1: L. Courvoisier: Beobachtungen des Sterns BD 89° 1 am großen Meridiankreis der Berliner Sternwarte. Astron. Nachr. Bd. **200**, 243,

für B D + 89° 3: L. Courvoisier: Ephemeriden der Polsterne BD 89° 3 und BD 89° 37 für 1923. Astron. Nachr. Bd. **217**, 319,

für B D + 89° 37: L. Courvoisier: Neue Position und Eigenbewegung des Polsterns B D + 89° 37. Astron. Nachr. Bd. **230**, 71,

für CPD — 89° 38: Cape Annals Bd. **XI**, II, 244 für den Ort und eine briefliche Mitteilung für die Eigenbewegung.

Mit den an diesen Stellen gegebenen Werten findet man folgende mittlere Örter für 1942.0:

Name	Gr.	x	Jährliche Veränd. 1942.5	Jährliche Eigenbew.	y	Jährliche Veränd. 1942.5	Jährliche Eigenbew.
	M	"	"	"	"	"	"
B D+89° 1	10.56	— 320.05	—20.085	—0.024	+ 78.69	—0.082	—0.008
B D+89° 3	9.06	— 120.65	—20.240	—0.003	+863.51	—0.035	—0.006
B D+89° 37	10.06	—1101.53	—19.977	—0.011	—345.68	—0.233	+0.015
C P D—89° 38	9.5	+ 14.06	+20.140	+0.027	—307.37	+0.036	+0.031

Reduktionsgrößen (S. 236*—276*).

Auf die scheinbaren Örter der Sterne folgt S. 236* eine Zusammenstellung der Werte, mit welchen die Reduktionsgrößen der darauf folgenden Tafeln berechnet sind, und der Formeln für die Reduktion auf den scheinbaren Ort.

Die Größen zur »Reduktion auf den scheinbaren Ort« sind in ihrer *ersten* Form: A, B, C, D, E; A', B' gegeben für 12^h Sternzeit des Meridians von Greenwich:

1) Auf S. 237* im Intervall von 10 Sterntagen.

Diese Tafel soll zur Berechnung von Sternephemeriden für die Epochen der Meridiandurchgänge dienen. Wegen ihrer logarithmischen Form und des großen Intervalls ist die Tafel zur Interpolation nicht geeignet. Man wird deshalb zweckmäßig die Interpolation erst nach der Summierung der einzelnen unmittelbar für die Epochen der Tafel berechneten Glieder vornehmen.

2) Auf S. 256*—264* für jeden Sterntag. Hier sind die numerischen Werte von A, B, C und D mit ihren Differenzen gegeben und die kurzperiodischen Nutationsglieder A' und B' mit angeführt.

Beiden Tafeln ist in einer Spalte die dem festen Sternzeitmoment jedesmal entsprechende Welt-Zeit vorangestellt; man wird hiernach auf jeden beliebigen Zeitpunkt, gegeben durch Datum, Sternzeit und Längendifferenz gegen Greenwich, übergehen können. Eine weitere Spalte gibt die seit Beginn des annus fictus verflossene Zeit in Bruchteilen des tropischen Jahres.

Die Reduktionsgrößen der *zweiten* Form: f, log g, G, log h, H, log i und i, sowie f', g' und G' sind auf S. 238*—255* von Tag zu Tag für 0^h Welt-Zeit gegeben.

Auch hier findet sich eine Spalte, t überschrieben, welche die seit Beginn des annus fictus verflossene Zeit in Bruchteilen des tropischen Jahres gibt. Ferner ist die Sternzeit Greenwich für 0^h Welt-Zeit gegeben.

Die Seiten mit ungerader Seitenzahl enthalten außer den schon erwähnten f', g', G' noch folgende Größen:

a) ψ = Allgemeine Präzession seit Jahresanfang.
b) $\Delta\psi$ = Langperiodische Glieder der Nutation in Länge.
c) $\Delta\psi'$ = Kurzperiodische Glieder der Nutation in Länge.
d) ε = Mittlere Schiefe der Ekliptik.
e) $\Delta\varepsilon$ = Langperiodische Glieder der Nutation in Schiefe.
f) $\Delta\varepsilon'$ = Kurzperiodische Glieder der Nutation in Schiefe.
g) Die Koeffizienten j und k, welche in den Formeln auf S. 267* vorkommen.

Die wahre Schiefe erhält man durch Addition der Gesamtnutation $(\Delta\varepsilon + \Delta\varepsilon')$ zu der mittleren Schiefe.

Auf S. 265* findet sich eine Tafel der Hilfsgrößen zur Berechnung der Präzession von verschiedenen mittleren Äquinoktien bis 1942.0.

S. 266* enthält eine Tafel der Hilfsgrößen zur Übertragung der Polsternörter von verschiedenen mittleren Äquinoktien auf das mittlere Äquinoktium 1942.0.

Auf S. 267* sind die Formeln zusammengestellt, mit welchen bei Anschlußbeobachtungen die gemessenen Koordinatendifferenzen der scheinbaren Örter in solche der mittleren Örter für den Jahresanfang übergeführt werden. Die in diesen Formeln auftretenden Koeffizienten j und k sind auf den Seiten 239*—255* enthalten und haben die Bedeutung

$$j = 15\, g \text{ arc } 1'$$
$$k = 15\, h \text{ arc } 1',$$

wobei g und h die auf den Seiten 238*—254* gegebenen Reduktionsgrößen sind.

S. 268* enthält eine Zusammenstellung der von der Deklination abhängenden Faktoren der Formeln auf S. 267*.

S. 269* enthält eine Tafel der numerischen Werte der Funktionen Sinus und Cosinus für in Zeit ausgedrückte Winkel. Ihre Benutzung erleichtert die Berechnung der Formeln auf S. 267*.

Die Seite 270* enthält eine Tafel zur Übertragung von Rektaszensions- und Deklinationsdifferenzen vom mittleren Äquinoktium 1942.0 auf das Normaläquinoktium 1950.0. Man findet die auf das Normaläquinoktium 1950.0 bezogene Koordinatendifferenz, indem man an die auf das mittlere Äquinoktium 1942.0 bezogene Rektaszensionsdifferenz die differentielle Präzession Δp_α^s und an die Deklinationsdifferenz die differentielle Präzession $\Delta p_\delta''$ anbringt:

$$\Delta p_\alpha^s = a_1 \operatorname{tg}\delta \cdot \Delta\alpha^m + a_2 \frac{1}{15} \sec^2\delta \cdot \Delta\delta',$$
$$\Delta p_\delta'' = d_1 \cdot \Delta\alpha^m.$$

Die Koeffizienten a_1, a_2 und d_1 sind in der Tafel auf S. 270* enthalten und haben die Bedeutung:

$$a_1 = (n) \text{ arc } 1' \cos\alpha$$
$$a_2 = (n) \text{ arc } 1' \sin\alpha$$
$$d_1 = -15\ (n) \text{ arc } 1' \sin\alpha.$$

$\Delta\alpha^m$ und $\Delta\delta'$ sind die auf das mittlere Äquinoktium 1942.0 bezogenen Rektaszensions- und Deklinationsdifferenzen in Zeit- bez. Bogenminuten. Nach den angegebenen Formeln findet man die differentielle Präzession für Rektaszension in Zeitsekunden, diejenige für Deklination in Bogensekunden.

Die auf Seite 271* gegebenen Größen f, log g und G dienen zur Übertragung der Örter von dem *mittleren* Normaläquinoktium 1950.0 auf das jedesmalige *wahre* Äquinoktium. Die Berücksichtigung des Einflusses der Variatio saecularis bei dieser Übertragung ist durch die Tafeln auf S. 272* und 273* gegeben. Diese enthalten in der ersten Reihe einer jeden Vertikalspalte die Werte von 0.320 × Var. saec. für die mit den Argumenten α und δ gegebenen Örter. Die an zweiter Stelle stehenden

Zahlen einer jeden Vertikalspalte sind die einjährigen Änderungen von 0.320 × Var. saec. und sind, wenn erforderlich, bei der Entnahme des Einflusses der Variatio saecularis für den in Frage kommenden Bruchteil des Jahres zu berücksichtigen.

Eine Tafel zur Übertragung von Sternörtern vom mittleren Äquinoktium 1942.0 auf das Normaläquinoktium 1950.0 befindet sich auf den Seiten 274*—276*.

Die hier tabulierten Größen sind gerechnet nach den Formeln:

$$A = (n^s) \sin a$$
$$D = (n'') \cos a$$
$$B = (m^s) - 0.00001818\,(n^s)^2 \sin 2a$$
$$\Delta C = \operatorname{arc} tg\, C - C; \quad C = A\, tg\, (\delta_{1942.0} + D)$$
$$P = -15\, tg\, \tfrac{1}{2}\psi; \quad tg\, \psi = \sin (n) \sin a\, tg\, (\delta_{1942.0} + D)$$
$$a = \alpha_{1942.0} + 90^\circ - (N)$$

Wegen der Größen (m), (n), (N) vgl. S. [5] der „Grundbegriffe der Sphärischen Astronomie" im Jahrbuch für 1916. Falls die auf S. 276* gegebene Tafel für ΔC und P nicht ausreicht, berechne man die Größen nach den vorstehend gegebenen Formeln oder benutze die weiterreichende Tafel in Veröff. d. Astronom. Rech.-Inst. Nr. 49.

Sonnen- und Mondfinsternisse (S. 278*—286*).

Bei der Berechnung der Finsternisse des Jahres 1942 sind die Örter von Sonne und Mond um folgende Beträge verbessert worden:

1942			$\Delta\alpha$ (s)	$\Delta\delta$ ('')		$\Delta\alpha$ (s)	$\Delta\delta$ ('')
	März 3	Sonne:	+0.06	+0.4	Mond:	−0.01	−0.5
	März 16	„	+0.06	+0.4	„	+0.01	−0.5
	Aug. 12	„	+0.06	−0.3	„	−0.01	−0.5
	Aug. 26	„	+0.06	−0.4	„	+0.01	−0.5
	Sept. 21	„	+0.06	−0.4	„	−0.01	−0.5

Die bei den Sonnenfinsternissen gegebenen Besselschen Elemente dienen in der folgenden Weise zur Vorausberechnung der Phasenzeiten und der Positionswinkel der Kontakte:

Mit einer Ausgangszeit T (siehe weiter unten) entnimmt man der Elemententabelle die Werte:

x, y, log sin d, log cos d, μ, l ($l^{(a)}$ für äußere, $l^{(i)}$ für innere Berührung), log tang f ($f^{(a)}$ für äußere, $f^{(i)}$ für innere Berührung), x' und y'.

Mit ihnen rechnet man das folgende Formelsystem durch:

$$(1) \begin{cases} \xi = c \cos \varphi \sin (\mu - \lambda) \\ \eta = s \sin \varphi \cos d - c \cos \varphi \sin d \cos (\mu - \lambda) \\ \zeta = s \sin \varphi \sin d + c \cos \varphi \cos d \cos (\mu - \lambda) \\ \xi' = [7.6398 - 10]\; c \cos \varphi \cos (\mu - \lambda) \\ \eta' = [7.6398 - 10]\; \xi \sin d, \end{cases}$$

worin φ die geographische Breite, λ die westliche Länge (von Greenwich) des Beobachtungsortes bezeichnen, s und c aus der Tafel auf S. 369* zu entnehmen sind.

Alsdann:

$$(2)\quad \left\{\begin{array}{l} m \sin M = x - \xi \\ m \cos M = y - \eta \\ n \sin N = x' - \xi' \\ n \cos N = y' - \eta' \end{array}\right. \quad \begin{array}{l} m > 0 \\ \\ n > 0 \end{array}$$

Nun berechnet man aus:

$$(3)\quad L = l - \zeta \operatorname{tang} f$$

$L^{(a)}$ mit $l^{(a)}$ und $f^{(a)}$, $L^{(i)}$ mit $l^{(i)}$ und $f^{(i)}$; dann aus:

$$(4)\quad \sin \psi = \frac{m \sin (M - N)}{L}\ ^{1)}$$

mit $L^{(a)}$ und $L^{(i)}$ je zwei Werte $\psi^{(a_1)}$, $\psi^{(a_2)}$ und $\psi^{(i_1)}$, $\psi^{(i_2)}$, von denen der eine zum Eintritt der Erde in den Halb- oder Kernschatten-Kegel, der andere zu ihrem Austritt aus ihm gehört. Diesen vier Werten $\psi^{(a_1)}$, $\psi^{(a_2)}$ und $\psi^{(i_1)}$, $\psi^{(i_2)}$ entsprechen vier Werte $\tau^{(a_1)}$, $\tau^{(a_2)}$ und $\tau^{(i_1)}$, $\tau^{(i_2)}$ (in Zeitminuten) nach

$$(5)\quad \tau = -\frac{m \cos (M - N)}{n} + \frac{L \cos \psi}{n},$$

um welche die Ausgangszeit T zu verbessern ist, um die Zeit der gesuchten Phase zu erhalten. Ist T die gesuchte Phasenzeit, so wird $\tau = 0$ werden. Man muß daher das Formelsystem (1) bis (5) mit steigenden Näherungen so lange durchrechnen, bis dieser Fall eintritt, d. h. bis das Formelsystem sich schließt. Zu diesem Zweck beginnt man mit einem Näherungswert T_1, für den man, wenn kein besserer bekannt sein sollte, eine beliebige Zeit nahe der Mitte der Finsternis nehmen mag, und rechnet die erste genäherte Korrektion τ_1; dann wiederholt man die Rechnung mit $T_2 = T_1 + \tau_1$, dann mit $T_3 = T_2 + \tau_2 = T_1 + \tau_1 + \tau_2$ usf. bis sich $\tau_n = 0$ ergibt. T_n ist dann die gesuchte Welt-Zeit des Kontaktes, die durch Hinzufügung der Längendifferenz in mittlere Ortszeit zu verwandeln ist. Die Rechnung ist für jede Berührung gesondert durchzuführen.

Die Positionswinkel der einzelnen Phasen, in üblicher Weise vom Punkt größter Deklination nach Osten gezählt, folgen aus den Werten der letzten Näherung (Größen mit dem Index n) nach

$$P = N + \psi.$$

Will man den Winkelabstand Q vom Punkte der größten Höhe haben, so hat man von P noch den parallaktischen Winkel γ abzuziehen, der aus

$$\left.\begin{array}{l} p \sin \gamma = \xi \\ p \cos \gamma = \eta \end{array}\right\} p > 0$$

folgt, also

$$Q = P - \gamma.$$

Um die Zeit der größten Phase, T_{max}, zu erhalten, hat man die beiden Formelsysteme (1) und (2) mit einem Näherungswerte $\overline{T}_1$ durchzurechnen, daraus $\overline{T}_2 = \overline{T}_1 - \frac{m \cos (M - N)}{n}$ zu entnehmen und die

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[1]) Wird der Winkel ψ bei der ersten Näherungsrechnung imaginär, so rechne man τ unter der Annahme $\psi = 90°$ aus $\tau = -\frac{m \cos (M - N)}{n}$; bleibt ψ auch in der weiteren Rechnung imaginär, so deutet dies an, daß an dem betreffenden Orte keine Sonnenfinsternis stattfindet.

Rechnung so lange fortzusetzen, bis die Korrektion der Ausgangszeit o wird. Als Näherungswert T_1 wählt man zweckmäßig das Mittel der beiden Werte von T_2 für die Berührungszeiten.

Die Größe der Verfinsterung i, in Teilen des Sonnendurchmessers ausgedrückt, ergibt sich dann aus:

$$i = \frac{L^{(a)} - m}{2\,L^{(a)} - 0.5459}$$

worin $L^{(a)}$ und m die zur Zeit $T_{\max}$ gehörigen Werte bedeuten.

Sternbedeckungen (S. 287*—295*).

Auf den Seiten 287* — 295* sind Angaben über die Sternbedeckungen enthalten, die in Berlin-Babelsberg, Breslau, Frankfurt a. M., Königsberg, München und Wien sichtbar sind. Außer der genäherten Welt-Zeit des Ein- und Austrittes ist unter P der Positionswinkel des Sterns für die Zeiten der Berührung mit dem Mondrande angeführt.

Die Größen a und b ermöglichen die Vorausberechnung der genäherten Ein- oder Austrittszeiten für andere Orte innerhalb Deutschlands, die nicht allzuweit von den angeführten fünf Hauptpunkten entfernt sind. Bezeichnen λ und φ die geographischen Koordinaten des Beobachtungsortes, λ_0 und φ_0 diejenigen des ihm am nächsten gelegenen Hauptpunktes, so ist die gesuchte Berührungszeit gleich der für den Hauptpunkt geltenden $+ a\,(\lambda - \lambda_0) + b\,(\varphi - \varphi_0)$. Hierbei sind die Differenzen $\lambda - \lambda_0$ und $\varphi - \varphi_0$ in Einheiten des Grades unter Mitnahme der Zehntelgrade auszudrücken, damit sich die Korrektion in Zeitminuten ergibt.

Die Angaben über Sternbedeckungen sind von dem Nautical Almanac Office, London, zur Verfügung gestellt worden.

Mondbewegung und Lage des Mondäquators gegen den Erdäquator (S. 296*).

Auf S. 296* finden sich:

☊, Aufsteigender Knoten der Mondbahn auf der Ekliptik,
$L_{☾}$, Mittlere Länge des Mondes,
$\tilde{\omega}$, Mittlere Länge des Perigäums
$M_{☾}$, Mittlere Anomalie des Mondes,
i, Neigung des Mondäquators gegen den Erdäquator,
Δ, Stück des Mondäquators zwischen Ekliptik und Erdäquator,
☊′, Aufsteigender Knoten des Mondäquators auf dem Erdäquator,

☋, der aufsteigende Knoten des Mondäquators auf der Ekliptik ist gleich dem absteigenden Knoten der Mondbahn, also

$$☋ = ☊ \pm 180°.$$

Vom Jahrgang 1926 ab sind die Brownschen Mondtafeln verwendet.

Die Größen i, Δ und Ω' berechnen sich aus:

$$\sin\frac{1}{2}(\Delta+\Omega')\cos\frac{1}{2}i=\cos\frac{1}{2}(\varepsilon-J)\sin\frac{1}{2}℧$$

$$\cos\frac{1}{2}(\Delta+\Omega')\cos\frac{1}{2}i=\cos\frac{1}{2}(\varepsilon+J)\cos\frac{1}{2}℧$$

$$\sin\frac{1}{2}(\Delta-\Omega')\sin\frac{1}{2}i=\sin\frac{1}{2}(\varepsilon-J)\sin\frac{1}{2}℧$$

$$\cos\frac{1}{2}(\Delta-\Omega')\sin\frac{1}{2}i=\sin\frac{1}{2}(\varepsilon+J)\cos\frac{1}{2}℧;$$

dabei ist J, die Neigung des Mondäquators gegen die Ekliptik, nach F. Hayn (Astr. Nachr. Bd. **199**, S. 263) zu $J = 1°\ 32'\ 20''$ angenommen worden. Die Zahlen geben die Lage des mittleren Mondäquators (ohne physische Libration).

Die auf S. 296* gemachten Angaben über die Elemente der Mondbahn und des Mondäquators werden, teilweise in Verbindung mit den Größen $L_\odot$ und $M_\odot$ auf S. 29, zu verschiedenen Zwecken verwendet:

1) Als Argumente für die Berechnung der Reduktionsgrößen A, B, C, D, E, A', B'.

2) Bei Bestimmung der selenographischen Koordinaten von Punkten der Mondoberfläche (siehe darüber den folgenden Abschnitt).

3) Bei Berechnung der *optischen* und *physischen* Libration des Mondes.

a) Für die Berechnung der *optischen* Libration des Mondes sind alle nötigen Angaben in den Erläuterungen zu den Hilfstafeln unter Nr. 9 (S. 405*) gemacht.

b) Die Beträge der *physischen* Mondlibration in selenographischer Länge, der Neigung des Mondäquators und seinem aufsteigenden Knoten auf der Ekliptik τ, ρ, σ haben die Werte:

$$\tau = -\ 13''\sin M_☾ + 65''\sin M_\odot + 26''\sin 2(L_☾ - M_☾ - \Omega)$$

$$\rho = -106''\cos M_☾ + 34''\cos(2L_☾ - M_☾ - 2\Omega) - 11''\cos 2(L_☾ - \Omega)$$

$$\sigma\sin J = -108''\sin M_☾ + 34''\sin(2L_☾ - M_☾ - 2\Omega) - 11''\sin 2(L_☾ - \Omega)$$

Diese Zahlenangaben beruhen auf der Annahme $f = 0.73$, worüber F. Hayn (Astr. Nachr. Bd. **199**, S. 264) einzusehen ist.

Ephemeride für den Mondkrater Mösting A.

(S. 297*—301*).

Die Ephemeride des Mondkraters Mösting A. dient zwei verschiedenen Zwecken: erstens zur genauen Bestimmung von Mondörtern am Himmel durch Beobachtung des Kraters, zweitens zur Bestimmung der selenographischen Koordinaten weiterer Punkte der Mondoberfläche durch deren mikrometrischen Anschluß an Mösting A.

Sie gilt für 0^h Welt-Zeit und enthält für die Tage, an welchen Mösting A. innerhalb der Beleuchtungsgrenze liegt, die Unterschiede $\alpha_☾ - \alpha_k$ in Rektaszension und $\delta_☾ - \delta_k$ in Deklination zwischen der Mondmitte und dem Krater, vom Erdmittelpunkt aus gesehen, sowie den Logarithmus des Sinus der Äquatorial-Horizontalparallaxe p_k des

Kraters, welche von der des Mondes $p_{☾}$ zu unterscheiden ist, mit den zugehörigen Differenzen.

Zur Anwendung der Ephemeride auf Beobachtungen des Kraters interpoliere man $\alpha_{☾} - \alpha_k$, $\delta_{☾} - \delta_k$ und log sin p_k mit der Beobachtungszeit. Fügt man alsdann $\alpha_{☾} - \alpha_k$ und $\delta_{☾} - \delta_k$ zum geozentrischen Ort des Kraters hinzu (die Parallaxe wird mit p_k und δ_k, der Deklination des Kraters, berechnet), so hat man die geozentrische Rektaszension und Deklination des Mondes für die Beobachtungszeit.

Hat man einen Punkt der Mondoberfläche mikrometrisch an Mösting A. angeschlossen, so bestimme man zunächst die topozentrischen, d. h. mit Parallaxe behafteten Koordinatendifferenzen $\alpha'_{☾} - \alpha'_k$ und $\delta'_{☾} - \delta'_k$ zwischen Mondmittelpunkt und Mösting A. aus folgenden Identitäten:

$$\alpha'_{☾} - \alpha'_k = \alpha_{☾} - \alpha_k + (\alpha'_{☾} - \alpha_{☾}) - (\alpha'_k - \alpha_k)$$
$$\delta'_{☾} - \delta'_k = \delta_{☾} - \delta_k + (\delta'_{☾} - \delta_{☾}) - (\delta'_k - \delta_k).$$

Verbindet man die so erhaltenen topozentrischen Abstände zwischen der Mondmitte und Mösting A. mit den mikrometrischen Messungen zwischen Mösting A. und einem zweiten Krater, so erhält man die topozentrische Lage des letzteren gegen die Mondmitte und kann hieraus mit Hilfe von $\alpha'_{☾}$ und $\delta'_{☾}$ und den Angaben auf S. 296* die selenographische Länge und Breite des zweiten Kraters berechnen. Hierzu dienen die im folgenden angeführten Formeln.

Bezeichnet man mit α' und δ' die topozentrische AR. und Dekl. des an Mösting A. angeschlossenen Kraters, so hat man:

$$s \sin \pi_m = (\alpha' - \alpha'_{☾}) \cos \tfrac{1}{2} (\delta' + \delta'_{☾})$$
$$s \cos \pi_m = \delta' - \delta'_{☾}$$
$$\pi = \pi_m - \tfrac{1'}{2} (\alpha' - \alpha'_{☾}) \sin \tfrac{1}{2} (\delta' + \delta'_{☾})$$
$$\sin (K + s) = \sin s \operatorname{cosec} h'.$$

h' ist der Abstand des Kraters vom Mondschwerpunkt, gesehen vom Beobachtungsort aus, der aus h, dem vom Erdmittelpunkt aus gesehenen Abstand, durch Anbringen der Parallaxe gewonnen wird. Ist die Entfernung des Kraters vom Mondschwerpunkt gänzlich unbekannt, so möge für h der aus Sternbedeckungen folgende Wert des Mondhalbmessers 15′ 32″.59 (nach J. Peters, Astr. Nachr. Bd. **138**, S. 147) eingesetzt werden.

$$\sin d = -\sin \delta'_{☾} \cos K + \cos \delta'_{☾} \sin K \cos \pi$$
$$\cos d \cos (a - \alpha'_{☾}) = -\cos \delta'_{☾} \cos K - \sin \delta'_{☾} \sin K \cos \pi$$
$$\cos d \sin (a - \alpha'_{☾}) = \sin K \sin \pi$$
$$\sin \beta = \sin d \cos i - \cos d \sin i \sin (a - ☊')$$
$$\cos \beta \sin \lambda' = \sin d \sin i + \cos d \cos i \sin (a - ☊')$$
$$\cos \beta \cos \lambda' = \cos d \cos (a - ☊')$$
$$\lambda = \lambda' - 180° - L_{☾} - (\Delta - ☋).$$

Die so erhaltenen Werte von λ und β beziehen sich auf den mittleren (vom Einfluß der physischen Libration freien) Mondäquator; die Transformation auf den wahren erfolgt durch die Korrektionen:

$$d\lambda = +13'' \sin M_☾ - 65'' \sin M_\odot - 26'' \sin 2\,(L_☾ - M_☾ - \Omega)$$
$$+ \operatorname{tg}\beta\,[-106'' \cos (L_☾ - M_☾ - \Omega + \lambda)$$
$$+ 34'' \cos (L_☾ - M_☾ - \Omega - \lambda) - 11'' \cos (L_☾ - \Omega - \lambda)]$$
$$d\beta = +108'' \sin (L_☾ - M_☾ - \Omega + \lambda) + 34'' \sin (L_☾ - M_☾ - \Omega - \lambda)$$
$$- 11'' \sin (L_☾ - \Omega - \lambda)$$

Bringt man diese Korrektionen $d\lambda$ und $d\beta$ an λ und β an, so erhält man die selenographischen Koordinaten des Kraters:

$$\lambda_0 = \lambda + d\lambda, \qquad \beta_0 = \beta + d\beta$$

Der Berechnung der Ephemeride des Kraters Mösting A. liegen folgende von F. Hayn ermittelte Konstanten (Astr. Nachr. Bd. **199**, S. 263) zugrunde:

$$\lambda_0 = -5^\circ\ 10'\ 7'', \quad \beta_0 = -3^\circ\ 11'\ 2''$$
$$h = 15'\ 33''\!.4$$

Für die Reduktion auf den mittleren Mondäquator wurden die Werte angenommen:

$$d\lambda = -13'' \sin M_☾ + 65'' \sin M_\odot + 26'' \sin 2\,(L_☾ - M_☾ - \Omega)$$
$$d\beta = -107'' \sin (L_☾ - M_☾ - \Omega + \lambda_0) - 34'' \sin (L_☾ - M_☾ - \Omega - \lambda_0)$$
$$+ 11'' \sin (L_☾ - \Omega - \lambda_0),$$

so daß die auf den mittleren Mondäquator bezogenen selenographischen Koordinaten des Kraters Mösting A. sind:

$$\lambda = \lambda_0 + d\lambda, \qquad \beta = \beta_0 + d\beta.$$

Die Formeln zur Berechnung der Ephemeride siehe in den Erläuterungen zum Jahrbuch 1916.

Jupitertrabanten (S. 302*—303*).

Die Seiten 302* und 303* enthalten die Zeitangaben (in Welt-Zeit) für die Verfinsterungen der vier hellen Jupitertrabanten in dem Schattenkegel des Jupiter; Ein- und Austritte sind durch beigefügtes E. und A. unterschieden.

Saturnsring (S. 304*—305*, 308*).

Die Angaben für die scheinbare Größe des Saturn und für die Lage und Größe des Saturnsringes haben die folgende Bedeutung:

α Große Achse des Saturn.

β Kleine Achse des Saturn.

p_α Phase; positiv, wenn der Ostrand, negativ, wenn der Westrand verdunkelt ist.

a Große Achse der Ringellipse.

b Kleine Achse der Ringellipse; positiv, wenn die nördliche, negativ, wenn die südliche Fläche des Ringes sichtbar ist.

U' Heliozentrische Länge des Saturn, gezählt auf der Ringebene vom aufsteigenden Knoten des Ringes in der Ekliptik an.

B' Erhöhungswinkel der Sonne über der Ringebene vom Saturn aus gesehen; nördlich positiv, südlich negativ.

P' Winkel der kleinen Achse der Ringellipse mit dem durch den Saturnsmittelpunkt gehenden Längenkreise; östlich positiv, westlich negativ.

U Geozentrische Länge des Saturn, gezählt auf der Ringebene vom aufsteigenden Knoten des Ringes im Erdäquator an.

B Erhöhungswinkel der Erde über der Ringebene vom Saturn aus gesehen; nördlich positiv, südlich negativ.

P Winkel der kleinen Achse der Ringellipse mit dem durch den Saturnsmittelpunkt gehenden Stundenkreise; östlich positiv, westlich negativ.

N Aufsteigender Knoten der Ringebene im Erdäquator, gezählt vom Äquinoktium an.

J Neigung der Ringebene gegen den Erdäquator.

ω Entfernung der Ekliptik vom Erdäquator, gemessen auf der Ringebene.

Es liegen folgende Bestimmungen nach H. Struve zugrunde:

Durchmesser des Saturn in der Entfernung 9.53887
Äquatorial $17''.47$ Polar $15''.65$

Durchmesser des Ringes in der Entfernung 9.53887
$$2\,R = 39''.35$$

Lage des Saturnsringes gegen die Ekliptik und das Äquinoktium von 1889.25 nach G. Struve
$$\Omega_1 = 167^\circ\ 58'.08 \quad \text{und} \quad i_1 = 28^\circ\ 4'.55$$

Saturnstrabanten (S. 306*—315*).

Die Berechnungen der Saturnstrabanten Mimas bis Rhea sind mit den von G. Struve in den Veröffentlichungen der Universitätssternwarte Berlin-Babelsberg, Bd. VI, Heft 4 abgeleiteten Elementen durchgeführt worden. Für Titan und Japetus sind die von ihm in Bd. VI, Heft 5 angegebenen Elemente benutzt worden, und für Hyperion haben die von J. Woltjer in den Annalen der Sternwarte Leiden, Bd. 16, Teil 3 bestimmten Elemente als Grundlage gedient.

Die den Ephemeriden zugrunde liegenden Elemente sind:

MIMAS (Berlin-Bbg. VI, Heft 4)
Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 127^\circ\ 5'.5$$
$$n = 381^\circ.994442$$
$$\delta l = -44^\circ.390 \sin[5^\circ.0864(\tau - 1866.27)] - 0^\circ.764 \sin 3[5^\circ.0864(\tau - 1866.27)]$$
$$l_1 = E_0 + nt_d + \delta l$$
$$\Theta = 56^\circ.1 - 365^\circ.23\, t$$
$$\gamma = 1^\circ\ 31'.0$$
$$\Pi_1 = 105^\circ.0 + 365^\circ.60\, t$$
$$e = 0.0201$$
$$a = 26''.826$$

ENCELADUS (Berlin-Bbg. VI, Heft 4)
Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 199^\circ\ 25'.8$$
$$n = 262^\circ.7319405$$
$$\delta l = +14'.39 \sin(63^\circ.75 + 32^\circ.51\, t) + 14'.06 \sin(117^\circ.28 + 93^\circ.14\, t)$$
$$l_1 = E_0 + nt_d + \delta l$$
$$\Theta = 51^\circ.81 - 152^\circ.7\, t$$
$$\gamma = 1'.4$$
$$\Pi_1 = 308^\circ.38 + 123^\circ.43\, t$$
$$e = 0.00444$$
$$a = 34''.416$$

TETHYS (Berlin-Bbg. VI, Heft 4)
Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 284^\circ\ 28'.3$$
$$n = 190^\circ.697950$$
$$\delta l = +2^\circ.065 \sin[5^\circ.0864(\tau - 1866.27)] + 0^\circ.036 \sin 3[5^\circ.0864(\tau - 1866.27)]$$
$$l_1 = E_0 + nt_d + \delta l$$
$$\Theta = 110^\circ.39 - 72^\circ.25\, t$$
$$\gamma = 1^\circ\ 5'.56$$
$$e = 0.0000$$
$$a = 42''.605$$

DIONE (Berlin-Bbg. VI, Heft 4)
Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 253^\circ\ 52'.0$$
$$n = 131^\circ.5349729$$
$$\delta l = -0'.93 \sin(63^\circ.75 + 32^\circ.51\, t) - 0'.91 \sin(117^\circ.28 + 93^\circ.14\, t)$$
$$l_1 = E_0 + nt_d + \delta l$$

$$\Theta = 201°0 - 31°0\, t$$
$$\gamma = 1'.4$$
$$\Pi_1 = 173°4 + 30°75\, t$$
$$e = 0.00221$$
$$a = 54''.567$$

RHEA (Berlin-Bbg. VI, Heft 4)
Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 358°\ 23'.7$$
$$n = 79°6900881$$
$$l = E_0 + nt_d$$
$$(\Omega - \Omega_1)\sin i_1 = 20'.49 \sin(344°09 - 10°20t) - 0'.38 + 1'.00 \sin(48°5 - 0°50t)$$
$$i - i_1 = 20'.49 \cos(344°09 - 10°20t) - 2'.79 + 1'.00 \cos(48°5 - 0°50t)$$
$$\Pi = 275°85 + 0°53\, t + 17°64 \sin[9°5\,(\tau - 1879.59)]$$
$$e = 0.00098 + 0.00030 \cos[9°5\,(\tau - 1879.59)]$$
$$a = 76''.203$$

Ω_1 und i_1 bezeichnen die Lage des Saturnsringes.

TITAN (Berlin-Bbg. VI, Heft 5)
Epoche: 1890 Jan. 0.0 Mittl. Zt. Grw.

$$E_0 = 260°\ 24'.26$$
$$n = 22°577015$$
$$l = E_0 + nt_d + (E - E_0)$$
$$E - E_0 = +4'.39 \sin(40°69 - 0°506\, t)$$
$$\Omega = 167°\ 51'.90 + 39'.00 \sin(40°69 - 0°506\, t)$$
$$i = 27°\ 26'.33 + 18'.35 \cos(40°69 - 0°506\, t)$$
$$\Pi = 276°\ 7'.7 + 31'.41\, t + 22'.0\,(\sin 2g - \sin 2g_0)$$
$$e = 0.02910 + 0.000186\,(\cos 2g_0 - \cos 2g)$$
$$g = \Pi - \Omega - 4°5$$
$$g_0 = g \text{ für } t = 0$$
$$a = 176''.578$$

HYPERION (J. Woltjer, Ann. Sternwarte Leiden Bd. XVI, 3, S. 64)
Anfangsepoche für t_d: 1900 Januar 0.0 Mittl. Zt. Grw.
„ „ t : 1900.0
Argumente: $\sigma = 93°13 + 0°562039\, t_d$ $\tilde{\omega} = 148°72 - 19°184\, t$

$$n = 16°9199896$$
$$l = 176°293 + 16°9199896\, t_d + 9°092 \sin\sigma + 0°211 \sin(\tilde{\omega} + \sigma) + 0°192 \sin(\tilde{\omega} - \sigma) - 0°077 \sin\tilde{\omega}$$
$$\Pi = 70°05 - 18°6562\, t - 13°67 \sin\tilde{\omega} + 0°93 \sin 2\tilde{\omega} - 0°47 \sin\sigma$$
$$e = 0.10419 + 0.02414 \cos\tilde{\omega} - 0.00401 \cos\sigma - 0.00183 \cos 2\tilde{\omega} + 0.00009 \cos(\tilde{\omega} - \sigma) - 0.00009 \cos(\tilde{\omega} + \sigma)$$
$$a = 214''.32 - 0''.74 \cos\sigma$$

$$\gamma \sin h = -0{,}^\circ 061 + 0{,}^\circ 574 \sin[-2{,}^\circ 392\, t + 95{,}^\circ 9\;] + 0{,}^\circ 315 \sin[-0{,}^\circ 500\, t + 42{,}^\circ 78]$$

$$\gamma \cos h = -0{,}^\circ 747 + 0{,}^\circ 574 \cos[-2{,}^\circ 392\, t + 95{,}^\circ 9\;] + 0{,}^\circ 315 \cos[-0{,}^\circ 500\, t + 42{,}^\circ 78]$$

γ = Neigung der Bahnebene gegen den Saturnsäquator,
h = Länge des aufsteigenden Knotens auf dem Saturnsäquator, gezählt vom aufsteigenden Knoten des Saturnsäquators auf der Ekliptik.

JAPETUS (Berlin-Bbg. VI, Heft 5)
Epoche: 1885 Sept. 1.0 Mittl. Zt. Grw.

$E_0 = 75^\circ\ 25{,}'61$
$n = 4{,}^\circ 537995$
$l = E_0 + nt_d$
$\Omega = 142^\circ\ 11{,}'3 - 1{,}'375\, t$
$i = 18^\circ\ 26{,}'39 - 0{,}'54\, t$
$\Pi = 354^\circ\ 27{,}'4 + 8{,}'1\, t$
$e = 0.02828$
$a = 514{,}''59$

Hierin bedeuten:

$l_1,\ l$ = Mittlere Länge in der Bahn
n = Tropische mittlere tägliche Bewegung
δl = Libration
τ = Epoche
t_d = Anzahl der Tage seit der Anfangsepoche
t = Anzahl der Jahre seit der Anfangsepoche
Θ = Knoten auf dem Saturnsäquator
Ω = Knoten auf der Ekliptik
γ = Neigung der Trabantenbahn gegen den Saturnsäquator
i = Neigung der Trabantenbahn gegen die Ekliptik
$\Pi_1,\ \Pi$ = Perisaturnium
e = Exzentrizität
a = Halbachse der Trabantenbahn in der mittleren Entfernung $(\Delta) = 9.53887$

l_1, Π_1 und Θ werden gezählt vom Äquinoktium aus in der Ekliptik, weiter im Saturnsäquator und dann erst in der Trabantenbahn, l und Π vom Äquinoktium aus in der Ekliptik und weiter in der Trabantenbahn.

Auf den Seiten 306*—308* sind die Hilfsmittel gegeben, um in bequemer Weise die Positionen der Trabanten ableiten zu können. Sieht man hierbei von den Neigungen γ ab, so erhält man die rechtwinkligen Koordinaten x und y des Trabanten in bezug auf ein Achsenkreuz, dessen Anfangspunkt im Mittelpunkt des Saturn gelegen ist, dessen X-Achse parallel der großen Achse des Ringes verläuft, positiv, wenn östlich, negativ, wenn westlich vom Saturn, und dessen positive Y-Achse mit dem durch den Saturnsmittelpunkt gehenden Stundenkreise den Winkel P einschließt, aus den Gleichungen:

$$x = \frac{a(\Delta)}{\Delta}\,\frac{1}{1+\zeta}\,\frac{r}{a}\,\sin(u-U)$$

$$y = \frac{a(\Delta)}{\Delta}\,\frac{1}{1+\zeta}\,\frac{r}{a}\,\sin B\cos(u-U).$$

$(\Delta) = 9.53887$ bezeichnet den mittleren Wert der Entfernung Sonne—Saturn, Δ ist die Entfernung Erde—Saturn, $u = L + (v - M)$ ist die wahre Länge des Trabanten vom Erdäquator an gezählt.

$\log \frac{1}{1+\zeta}$ ist auf Seite 308* enthalten.

Ist genaueste Ortsbestimmung erforderlich, so darf man bei Mimas, Tethys und Rhea die Neigungen gegen den Saturnsäquator, da sie schon merklichere Werte annehmen, nicht mehr vernachlässigen; x und y ergeben sich dann aus:

$$x = \frac{a(\Delta)}{\Delta} \frac{1}{1+\zeta} \frac{r}{a} \sin(u - U)$$

$$y = \frac{a(\Delta)}{\Delta} \frac{1}{1+\zeta} \frac{r}{a} \sin B [\cos(u - U) + \sin\gamma \operatorname{cotg} B \sin(u - \vartheta)].$$

Die Werte von ϑ, der Länge des aufsteigenden Knotens der Trabantenbahn auf dem Saturnsäquator, gezählt vom Schnittpunkte des Saturnsäquators mit dem Erdäquator, finden sich für die fünf inneren Trabanten auf Seite 308*; auch ist hier für Rhea γ, weil stärker mit der Zeit veränderlich, in Intervallen von 16 Tagen gegeben.

Will man aus x und y die Rektaszensions- und Deklinationsdifferenzen bestimmen, so dienen dazu die Gleichungen:

$$s \sin(p - P) = x$$

$$s \cos(p - P) = y$$

$$\Delta\alpha = \alpha_{tr} - \alpha_{pl} = \frac{1}{15} s \sin p \sec \delta_{tr}$$

$$\Delta\delta = \delta_{tr} - \delta_{pl} = s \cos p.$$

Auf den Seiten 309*—311* finden sich, außer den Hilfsgrößen U, B und P für die Trabanten Titan, Hyperion und Japetus die genäherten Rektaszensions- und Deklinationsunterschiede gegen den Saturn in dem Sinne Trabant minus Planet für die beiden letzteren Trabanten.

Die aus den Angaben des Berliner Jahrbuchs ermittelten Trabantenörter sind auf das mittlere Äquinoktium der Epoche bezogen.

Zum Schluß enthalten die Seiten 312*—315* die Zeitangaben (in Welt-Zeit) für die östlichen Elongationen von Mimas, Enceladus, Tethys, Dione, Rhea, ferner für die östlichen und westlichen Elongationen ($u - U = \pm 90°$) und für die oberen und unteren Konjunktionen ($u - U = 0°, 180°$) von Titan, Hyperion und Japetus mit Saturn; diese Zeitangaben für die Elongationen und Konjunktionen sind bereits für Lichtzeit korrigiert, also ohne weiteres mit den Beobachtungen vergleichbar.

Konstellationen (S. 316*—317*).

In der Übersicht der Konstellationen des Jahres 1942 sind die hauptsächlichsten Planeten-Konstellationen gegeneinander und gegen Sonne und Mond, sowie die Angaben der Epochen, zu welchen sich

die Planeten in gewissen Hauptpunkten ihrer Bahn und ihres synodischen Laufes befinden, zusammengestellt. Die Bedeutung der hier verwendeten Zeichen siehe Seite VIII des Vorworts. — Die Konjunktionen der Planeten mit dem Mond und ihre gegenseitigen sind als Konjunktionen in AR. zu verstehen. Die Angaben über Konjunktion und Opposition der Planeten mit der Sonne entsprechen den Zeiten, zu denen der Längenunterschied zwischen Planet und Sonne 0° oder 180° ist.

Auf- und Untergangszeiten der Sonne und des Mondes (S. 318*—353*).

Die für Orte auf dem Meridian von Greenwich und ausgewählte geographische Breiten zwischen —10° und +70° gegebenen mittleren Ortszeiten der Auf- und Untergänge von Sonne und Mond beziehen sich auf das Erscheinen bzw. Verschwinden des oberen Randes der Sonne oder des Mondes und sind mit der Horizontalreflektion 34!0 berechnet. Für den Mond sind in der letzten Spalte einer jeden Seite die Änderungen der Auf- und Untergangszeiten für einen Ort in +50° Breite und 10° östlicher Längendifferenz angeführt.

Hilfstafeln (S. 354*—377*).

Es folgt eine Reihe von häufig gebrauchten Hilfstafeln.

1) Tafeln für Präzessionswerte (S. 354*—356*).

a) Präzession in Länge und Breite (Seite 354*—355*).

$$p_\lambda = \psi + \pi \operatorname{tg} \beta \cos (\Pi - \lambda)$$
$$p_\beta = \pi \sin (\Pi - \lambda)$$

b) Präzession in Rektaszension und Deklination (Seite 356*)

$$p_\alpha = m + \tfrac{1}{15} n \sin \alpha \operatorname{tg} \delta$$
$$p_\delta = n \cos \alpha$$

c) Präzessionswerte m, n, ψ, π, Π und ε, die mittlere Schiefe der Ekliptik (Seite 356*).

Mit diesen Werten berechnet sich die Präzession für die Elemente einer Bahnebene im System der Ekliptik nach:

$$p_\Omega = \psi - \pi \operatorname{cotg} i \sin (\Pi - \Omega)$$
$$p_i = - \pi \cos (\Pi - \Omega)$$
$$p_\omega = \pi \operatorname{cosec} i \sin (\Pi - \Omega)$$

und im System des Äquators nach:

$$p_{\Omega'} = m - n \operatorname{cotg} i' \cos \Omega'$$
$$p_{i'} = - n \sin \Omega'$$
$$p_{\omega'} = n \cos \Omega' \operatorname{cosec} i'$$

Den Tafeln a) und b) liegen die Präzessionswerte für 1950.0 zugrunde. Über die Bedeutung der Bezeichnungen und die Zahlenwerte vergleiche die Erläuterungen zum Jahrbuch für 1916.

2) Eine Tafel zur Verwandlung von Minuten und Sekunden in Dezimalteile des Grades und umgekehrt (S. 357*).

3) Hilfstafeln zur Verwandlung von Mittlerer Zeit in Sternzeit (S. 358*, 360*) und von Sternzeit in Mittlere Zeit (S. 359*, 361*).

4) Eine Tafel zur Verwandlung von Stunden, Minuten und Sekunden in Dezimalteile des Tages und umgekehrt (S. 362*—363*).

5) Eine Tafel für die Ermittelung eines Datums in der Julianischen Periode (Seite 364*—368*). Die Tafel besteht aus zwei Teilen. Der erste Teil (S. 364*—365*) gibt in vierjährigen Schaltperioden für die Jahre 0 bis 2000 die Anzahl der am 0. Januar, 12^h Welt-Zeit, seit Anfang der Julianischen Periode verflossenen Tage. Als Ergänzung gibt die Hilfstafel am Fuß der Seite die Anzahl der am 0. jedes Monats, 12^h Welt-Zeit, seit Beginn der Schaltperiode verflossenen Tage. Man gehe bis zum 4. Oktober des Jahres 1582 mit dem Datum des Julianischen, für spätere Jahre mit dem Datum des Gregorianischen Kalenders in die Tafel ein. Der zweite Teil (S. 366*—368*) gibt für die Jahre 1860—1979 unmittelbar die Anzahl der im Gregorianischen Kalender am 0. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Julianischen Periode verflossenen Tage.

6) Eine Tafel der Hilfsgrößen s und c (S. 369*) zur Berechnung der geozentrischen Breite φ' und der geozentrischen Entfernung ρ eines Erdortes, ausgedrückt in Einheiten der großen Halbachse des Erdellipsoids, aus der geographischen Breite φ nach den Formeln:

$$\varrho \sin \varphi' = s \sin \varphi$$
$$\varrho \cos \varphi' = c \cos \varphi$$

Darin haben s und c die Bedeutung:

$$s = \frac{1-e^2}{\sqrt{1-e^2 \sin^2 \varphi}}, \quad c = \frac{1}{\sqrt{1-e^2 \sin^2 \varphi}}, \quad e = \sqrt{2\,\mathfrak{a} - \mathfrak{a}^2}.$$

Gemäß den Beschlüssen der Pariser Ephemeridenkonferenz von 1911 ist dabei die Abplattung $\mathfrak{a} = \frac{1}{297}$ angenommen.

7) Tafel des halben Tagbogens (S. 370*—371*), berechnet mit der Horizontalrefraktion 34ʹ.9 für geographische Breiten von $+30°$ bis $+60°$ und Deklinationen von $-30°$ bis $+30°$.

8) Reduktionstafeln für die Auf- und Untergangszeiten der Sonne und des Mondes (S. 372*—375*). Sie geben die Reduktion der für $+50°$ Breite gültigen Zeiten, wie sie in den Ephemeriden enthalten sind, auf geographische Breiten zwischen $+30°$ und $+60°$ und sind für das Erscheinen oder Verschwinden des oberen Gestirnsrandes gerechnet.

9) Die Tafel zur Berechnung der optischen Mondlibration (S. 376*—377*) gibt mit dem Argument $\lambda - \Omega$ die Werte $\Delta\lambda$, a und B entsprechend den Gleichungen:

$$\Delta\lambda = \frac{1}{\operatorname{arc} 1'} \operatorname{tang}^2 \frac{1}{2} J \sin 2 (\lambda - \Omega)$$
$$a = -\cos(\lambda - \Omega) \sin J$$
$$\operatorname{tang} B = -\sin(\lambda - \Omega) \operatorname{tang} J$$

J = Neigung des Mondäquators gegen die Ekliptik.

Ω = Länge des aufsteigenden Knotens der Mondbahn auf der Ekliptik (s. S. 296*).

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort.

Bezeichnen noch $L_☾$ die mittlere Länge des Mondes, l' und b' die optische Libration der Mondmitte in selenographischer Länge und Breite, so ist:

$$l' = \lambda - L_☾ + \Delta\lambda - a\,(B - \beta)$$
$$b' = B - \beta$$

Der Winkel C, welchen der Mondmeridian des Mittelpunktes der scheinbaren Mondscheibe mit dem Stundenkreise bildet, ergibt sich aus der Gleichung:

$$\sin C = -\sin i \frac{\cos(L_☾ + l' + \Delta - ☋)}{\cos \delta_☾} = -\sin i \frac{\cos(\alpha_☾ - \Omega')}{\cos b'},$$

worin $\alpha_☾$, $\delta_☾$ Rektaszension und Deklination des Mondmittelpunktes gesehen vom Beobachtungsort aus, bezeichnen; die anderen vorkommenden Größen i, Δ, ☋ und Ω' haben schon auf S. 395* ihre Erklärung gefunden.

Koordinaten der Sternwarten (S. 378*—384*).

Die Seiten 378*—384* enthalten die geographischen und geozentrischen Koordinaten der Sternwarten.

Die Seehöhen sind in allen Fällen angegeben, wo sie sich einigermaßen sicher ermitteln ließen.

Die geographischen Längen sind auf den Meridian von Greenwich bezogen und dem entsprechend ist die »Korrektion der Sternzeit« die Differenz: Orts-Sternzeit in mittlerer Mitternacht minus Greenwicher Sternzeit in mittlerer Mitternacht.

Die geozentrischen Koordinaten sind den Beschlüssen der Pariser Ephemeridenkonferenz vom Oktober 1911 gemäß unter Annahme der Abplattung 1 : 297 berechnet.

Bei Berechnung von $\log \varrho$ ist die Seehöhe berücksichtigt.

Normalzeiten der wichtigeren Länder (S. 385*).

Auf S. 385* sind die in den wichtigeren Ländern eingeführten Normalzeiten zusammengestellt.

Berichtigungen

Jahrbuch 1932,	S. 105	Dez. 23. Die obere Kulmination in Greenwich findet um $19^h4^m.4$ statt nicht um $18^h4^m.4$.
Jahrbuch 1939,	S. 244*	Mai 31, Spalte G: lies $2^h11^m.0$ anstatt $2^h10^m.0$.
Jahrbuch 1940,	S. 110	März 12. Die heliozentrische Länge der Venus ist $103^\circ.143$ anstatt $102^\circ.143$.
Jahrbuch 1941,	S. 71,	Die Differenz der Rektaszensionen am 3. und 4. Juli ist $2^m9^s.20$ anstatt $2^m19^s.20$.
Jahrbuch 1942,	S. 223*	Zweite Gruppe der Fußnote lies $\delta = -87^\circ48'0''$ anstatt $-87^\circ47'0''$.

Alphabetisches Sachregister